



**Supplementary material 1**- List of bibliographic references from the information included in the database used in this analysis was taken.

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**Supplementary material 2.** Database used for the analysis, based of plant megafossil records in the Upper Triassic-Upper Jurassic interval of Argentina.











Dicroidium	Dicroidium lancifolium	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10349	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Dicroidium	Dicroidium lancifolium	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10446	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Dicroidium	Dicroidium lancifolium	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10455	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Dicroidium	Dicroidium marayensis	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10560a	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Dicroidium	Dicroidium marayensis	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10560b	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Dicroidium	Dicroidium marayensis	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10581	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10212	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10280	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	PMP-CTES 1899	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10211	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10347	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10348	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10586	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PMP 1914	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10103	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10286	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10291a	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	PBSJ 908	leaf	Carnian	Morel et al. 2015
Rhexoxylon	Rhexoxylon piatnitzkyi	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	PBSJ 909	trunk	Carnian	Morel et al. 2015
Fanerotheca	Fanerotheca papilioformis	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10127	ovulate organ	Carnian	Lutz 2006; Lutz and Arce 2013
Scytophyllum	Scytophyllum argentinum	Gymnospermopsida	Peltaspermales	Peltaspermaceae	Carrizal	PBSJ 870b	leaf	Carnian	Morel et al. 2015
Kurtziana	Kurtziana brandmayri	Gymnospermopsida	Cycadales	Zamiaceae	Carrizal	PBSJ 910	leaf	Carnian	Morel et al. 2015
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Carrizal	PBSJ 911	leaf	Carnian	Morel et al. 2015
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Carrizal	CTES-PB 10139a	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Carrizal	CTES-PB 10465	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Carrizal	CTES-PB 10459	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Carrizal	PBSJ 912	leaf	Carnian	Morel et al. 2015
Ginkgoites	Ginkgoites matatiensis	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Carrizal	PBSJ 913	leaf	Carnian	Morel et al. 2015
Ginkgoites	Ginkgoites matatiensis	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Carrizal	PBSJ 914a	leaf	Carnian	Morel et al. 2015
Ginkgoites	Ginkgoites matatiensis	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Carrizal	PBSJ 901b	leaf	Carnian	Morel et al. 2015
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	PBSJ 916	leaf	Carnian	Morel et al. 2015
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	PBSJ 917	leaf	Carnian	Morel et al. 2015
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	PBSJ 918	leaf	Carnian	Morel et al. 2015
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	PBSJ 919	leaf	Carnian	Morel et al. 2015
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	PBSJ 920	leaf	Carnian	Morel et al. 2015
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	PBSJ 921	leaf	Carnian	Morel et al. 2015
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	PBSJ 922	leaf	Carnian	Morel et al. 2015
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	PBSJ 923	leaf	Carnian	Morel et al. 2015
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	CTES-PB 10109	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	CTES-PB 10110e	leaf	Carnian	Lutz 2006; Lutz and Arce 2013



Yabeiella	Yabeiella wielandi	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	CTES-PB 10216b	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Yabeiella	Yabeiella wielandi	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	CTES-PB 10216c	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Yabeiella	Yabeiella wielandi	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	CTES-PB 10323	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Yabeiella	Yabeiella wielandi	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	CTES-PB 10414a	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Zuberia	Zuberia zuberi	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10133	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Zuberia	Zuberia zuberi	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 11153a	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Zuberia	Zuberia sahani	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10133a	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Zuberia	Zuberia sahani	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10133b	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Zuberia	Zuberia sahani	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 11152	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	PBSJ 914b	leaf	Carnian	Morel et al. 2015
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	PBSJ 915	leaf	Carnian	Morel et al. 2015
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10128	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10196	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10296	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10344	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10414	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10461	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10463	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10464	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10465	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Protocupressinoxylon	Protocupressinoxylon carrizalense	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Carrizal	PBSJ 1042	wood	Carnian	Correa et al. 2019
Protocupressinoxylon	Protocupressinoxylon carrizalense	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Carrizal	PBSJ 1031	wood	Carnian	Correa et al. 2019
Protocupressinoxylon	Protocupressinoxylon carrizalense	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Carrizal	PBSJ 1032	wood	Carnian	Correa et al. 2019
Protocupressinoxylon	Protocupressinoxylon carrizalense	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Carrizal	PBSJ 1033	wood	Carnian	Correa et al. 2019
Protocupressinoxylon	Protocupressinoxylon carrizalense	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Carrizal	PBSJ 1034	wood	Carnian	Correa et al. 2019
Protocupressinoxylon	Protocupressinoxylon carrizalense	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Carrizal	PBSJ 1035	wood	Carnian	Correa et al. 2019
Protocupressinoxylon	Protocupressinoxylon carrizalense	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Carrizal	PBSJ 1036	wood	Carnian	Correa et al. 2019
Protocupressinoxylon	Protocupressinoxylon carrizalense	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Carrizal	PBSJ 1037	wood	Carnian	Correa et al. 2019
Protocupressinoxylon	Protocupressinoxylon carrizalense	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Carrizal	PBSJ 1038	wood	Carnian	Correa et al. 2019
Protocupressinoxylon	Protocupressinoxylon carrizalense	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Carrizal	PBSJ 1039	wood	Carnian	Correa et al. 2019
Protocupressinoxylon	Protocupressinoxylon carrizalense	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Carrizal	PBSJ 1040	wood	Carnian	Correa et al. 2019
Protocupressinoxylon	Protocupressinoxylon carrizalense	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Carrizal	PBSJ 1041	wood	Carnian	Correa et al. 2019
Carpolithus	Carpolithus mackayi	Gymnospermopsida	Gymnospermae i.s.	Gimnospermae i.s.	Carrizal	CTES-PB 10551a	seed	Carnian	Lutz 2006; Lutz and Arce 2013
Carpolithus	Carpolithus mackayi	Gymnospermopsida	Gymnospermae i.s.	Gimnospermae i.s.	Carrizal	CTES-PB 10551b	seed	Carnian	Lutz 2006; Lutz and Arce 2013
Cycadal	Cycadal indet	Gymnospermopsida	Cycadales	Cycadales i.s.	Carrizal	CTES-PB 10107a	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Cycadal	Cycadal indet	Gymnospermopsida	Cycadales	Cycadales i.s.	Carrizal	CTES-PB 10123	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Cycadal	Cycadal indet	Gymnospermopsida	Cycadales	Cycadales i.s.	Carrizal	CTES-PB 10145b	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Cycadal	Cycadal indet	Gymnospermopsida	Cycadales	Cycadales i.s.	Carrizal	CTES-PB 10150	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Fraxinopsis	Fraxinopsis andium	Gymnospermopsida	Gnetales	Gnetales i.s.	Carrizal	CTES-PB 10599	seed	Carnian	Lutz 2006; Lutz and Arce 2013
Ginkgophytoxylon	Ginkgophytoxylon lucasii	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Carrizal	CTES-PB 10441	wood	Carnian	Lutz 2006; Lutz and Arce 2013



Sphenobaiera	Sphenobaiera stormbergensis	Gymnospermopsida	Gingkoales	Ginkgoales i.s.	Carrizal	CTES-PB 10433b	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Sphenobaiera	Sphenobaiera stormbergensis	Gymnospermopsida	Gingkoales	Ginkgoales i.s.	Carrizal	CTES-PB 10433c	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Sphenobaiera	Sphenobaiera stormbergensis	Gymnospermopsida	Gingkoales	Ginkgoales i.s.	Carrizal	CTES-PB 10433d	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Taeniopteris	Taeniopteris sp 1	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Carrizal	CTES-PB 10440a	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Taeniopteris	Taeniopteris sp 2	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Carrizal	CTES-PB 10440b	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Taeniopteris	Taeniopteris sp. 2	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Carrizal	CTES-PB 10470	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Taeniopteris	Taeniopteris sp. 3	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Carrizal	CTES-PB 10146a	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Taeniopteris	Taeniopteris sp. 4	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Carrizal	CTES-PB 10146b	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Taeniopteris	Taeniopteris sp. 5	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Carrizal	CTES-PB 10146c	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Telemachus	Telemachus elongatus	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10522	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Telemachus	Telemachus elongatus	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10523	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Telemachus	Telemachus elongatus	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10528	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Telemachus	Telemachus elongatus	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10529	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Telemachus	Telemachus elongatus	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10530	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Telemachus	Telemachus elongatus	Gymnospermopsida	Voltziales	Voltziaceae	Carrizal	CTES-PB 10531	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Xylopteris	Xylopteris argentina	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10302	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Xylopteris	Xylopteris argentina	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10302a	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Xylopteris	Xylopteris argentina	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PB 10302b	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Xylopteris	Xylopteris argentina	Gymnospermopsida	Corystospermales	Corystospermaceae	Carrizal	CTES-PMP 2755	leaf	Carnian	Lutz 2006; Lutz and Arce 2013
Neocalamites	Neocalamites sp.	Equisetopsida	Equisetales	Neocalamitaceae	Los Rastros	CTES-PB 12733	stem	Carnian	Lutz et al. 2011
Neocalamites	Neocalamites sp.	Equisetopsida	Equisetales	Neocalamitaceae	Los Rastros	CTES-PB 12734	stem	Carnian	Lutz et al. 2011
Neocalamites	Neocalamites sp.	Equisetopsida	Equisetales	Neocalamitaceae	Los Rastros	CTES-PB 12776a	stem	Carnian	Lutz et al. 2011
Neocalamites	Neocalamites sp.	Equisetopsida	Equisetales	Neocalamitaceae	Los Rastros	CTES-PB 12776b	stem	Carnian	Lutz et al. 2011
Neocalamites	Neocalamites sp.	Equisetopsida	Equisetales	Neocalamitaceae	Los Rastros	CTES-PB 12777a	stem	Carnian	Lutz et al. 2011
Neocalamites	Neocalamites sp.	Equisetopsida	Equisetales	Neocalamitaceae	Los Rastros	CTES-PB 12777b	stem	Carnian	Lutz et al. 2011
Neocalamites	Neocalamites sp.	Equisetopsida	Equisetales	Neocalamitaceae	Los Rastros	CTES-PB 12777c	stem	Carnian	Lutz et al. 2011
Neocalamites	Neocalamites sp.	Equisetopsida	Equisetales	Neocalamitaceae	Los Rastros	CTES-PB 12777d	stem	Carnian	Lutz et al. 2011
Halleiapitys	Halleiapitys rastrensis	Equisetopsida	Equisetales	Equisetales i.s.	Los Rastros	CTES-PB 8932 a	stem	Carnian	Crisafulli and Lutz 2008
Halleiapitys	Halleiapitys rastrensis	Equisetopsida	Equisetales	Equisetales i.s.	Los Rastros	CTES-PB 8932 b	stem	Carnian	Crisafulli and Lutz 2008
Halleiapitys	Halleiapitys rastrensis	Equisetopsida	Equisetales	Equisetales i.s.	Los Rastros	CTES -PB. 8932 c	stem	Carnian	Crisafulli and Lutz 2008
Halleiapitys	Halleiapitys rastrensis	Equisetopsida	Equisetales	Equisetales i.s.	Los Rastros	CTES -PB. 8932 d	stem	Carnian	Crisafulli and Lutz 2008
Cladophlebis	Cladophlebis mendozaensis	Polypodiopsida	Osmundales	Osmundaceae	Los Rastros	CTES-PB 8970	leaf	Carnian	Lutz et al. 2011
Cladophlebis	Cladophlebis mendozaensis	Polypodiopsida	Osmundales	Osmundaceae	Los Rastros	CTES-PB 8944a	leaf	Carnian	Lutz et al. 2011
Pachydermophyllum	Pachydermophyllum praecordillerac	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 8984b	leaf	Carnian	Lutz et al. 2011
Pachydermophyllum	Pachydermophyllum praecordillerac	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12691a	leaf	Carnian	Lutz et al. 2011
Pachydermophyllum	Pachydermophyllum praecordillerac	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12694	leaf	Carnian	Lutz et al. 2011
Pachydermophyllum	Pachydermophyllum praecordillerac	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12724e	leaf	Carnian	Lutz et al. 2011
Pachydermophyllum	Pachydermophyllum praecordillerac	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12754	leaf	Carnian	Lutz et al. 2011
Matatiella	Matatiella roseta	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12.962	ovulate organ	Carnian	Arce and Lutz 2010
Peltaspermum	Peltaspermum monodiscum	Gymnospermopsida	Peltaspermales	Peltaspermaceae	Los Rastros	CTES-PB 12.960	ovulate organ	Carnian	Arce and Lutz 2010







Xylopteris	Xylopteris rigida	Gymnospermopsida	Corystospermales	Corystospermaceae	Los Rastros	CTES-PB 12631	leaf	Carnian	Lutz et al. 2011
Zuberia	Zuberia sahnii	Gymnospermopsida	Corystospermales	Corystospermaceae	Los Rastros	CTES-PB 12632	leaf	Carnian	Lutz et al. 2011
Zuberia	Zuberia zuberi	Gymnospermopsida	Corystospermales	Corystospermaceae	Los Rastros	CTES-PB 8903	leaf	Carnian	Lutz et al. 2011
Zuberia	Zuberia zuberi	Gymnospermopsida	Corystospermales	Corystospermaceae	Los Rastros	CTES-PB 8961	leaf	Carnian	Lutz et al. 2011
Umkomasia	Umkomasia macleanii	Gymnospermopsida	Corystospermales	Corystospermaceae	Los Rastros	CTES-PB 12.959	ovulate organ	Carnian	Arce and Lutz 2010
Acevedoa	Acevedoa rastroensis	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	Los Rastros	CTES-PB 12.958	ovulate organ	Carnian	Arce and Lutz 2010, 2014
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Los Rastros	CTES-PB 8944b	leaf	Carnian	Lutz et al. 2011
Baiera	Baiera pontifolia	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Los Rastros	CTES-PB 8950b	leaf	Carnian	Lutz et al. 2011
Baiera	Baiera pontifolia	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Los Rastros	CTES-PB 8969a	leaf	Carnian	Lutz et al. 2011
Baiera	Baiera schenkii	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Los Rastros	CTES-PB 8916	leaf	Carnian	Lutz et al. 2011
Baiera	Baiera schenkii	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Los Rastros	CTES-PB 8967c	leaf	Carnian	Lutz et al. 2011
Sphenobaiera	Sphenobaiera argentinae	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Los Rastros	CTES-PB 8950a	leaf	Carnian	Lutz et al. 2011
Sphenobaiera	Sphenobaiera argentinae	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Los Rastros	CTES-PB 8969c	leaf	Carnian	Lutz et al. 2011
Sphenobaiera	Sphenobaiera insecta	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Los Rastros	CTES-PB 8967d	leaf	Carnian	Lutz et al. 2011
Sphenobaiera	Sphenobaiera insecta	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Los Rastros	CTES-PB 8969b	leaf	Carnian	Lutz et al. 2011
Sphenobaiera	Sphenobaiera sectina	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Los Rastros	CTES-PB 8967e	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8933	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8935a	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8935b	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8937	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8938	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8940	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8941a	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8941b	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8941c	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8943a	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8943b	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8944d	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8953a	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8953b	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8953c	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8966c	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8967a	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8967b	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8969d	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 8999b	leaf	Carnian	Lutz et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 12751b	leaf	Carnian	Lutz et al. 2011
Rissikia	Rissikia media	Gymnospermopsida	Coniferales	Podocarpaceae	Los Rastros	CTES-PB 12759	leafy shoot	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lobata	Gymnospermopsida	Peltaspermales	Mattatiellaceae	Los Rastros	CTES-PB 8988	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lobata	Gymnospermopsida	Peltaspermales	Mattatiellaceae	Los Rastros	CTES-PB 12684a	leaf	Carnian	Lutz et al. 2011

Dejerseya	Dejerseya lobata	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12684c	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lobata	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12712c	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lobata	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12740	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lobata	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12743	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lunensis	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 8964	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lunensis	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 8984a	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lunensis	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 8994e	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lunensis	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 8994f	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lunensis	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 8995c	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lunensis	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 8997d	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lunensis	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12682	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lunensis	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12690a	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lunensis	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12690b	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lunensis	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12701	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lunensis	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12724c	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lunensis	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12731a	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lunensis	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12770a	leaf	Carnian	Lutz et al. 2011
Dejerseya	Dejerseya lunensis	Gymnospermopsida	Peltaspermales	Mattatielaceae	Los Rastros	CTES-PB 12775b	leaf	Carnian	Lutz et al. 2011
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Los Rastros	CTES-PB 12688a	leaf	Carnian	Lutz et al. 2011
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Los Rastros	CTES-PB 12724a	leaf	Carnian	Lutz et al. 2011
Rochipteris	Rochipteris alexandriana	Gymnospermopsida	Petriellales	Petriellaceae	Los Rastros	CTES-PB 8986	leaf	Carnian	Lutz et al. 2011
Rochipteris	Rochipteris alexandriana	Gymnospermopsida	Petriellales	Petriellaceae	Los Rastros	CTES-PB 8987	leaf	Carnian	Lutz et al. 2011
Yabeiella	Yabeiella bracketbuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Los Rastros	CTES-PB 8908	leaf	Carnian	Lutz et al. 2011
Czekanowskia	Czekanowskia rigali	Gymnospermopsida	Czekanowskiales	Czekanowskiaceae	Los Rastros	LPPB 7927	leaf	Carnian	Freguelli 1942a
Czekanowskia	Czekanowskia rigali	Gymnospermopsida	Czekanowskiales	Czekanowskiaceae	Los Rastros	LPPB 8402	leaf	Carnian	Freguelli 1942a
Telemachus	Telemachus elongatus	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 12963	ovulate organ	Carnian	Arce and Lutz 2010
Telemachus	Telemachus sp.	Gymnospermopsida	Voltziales	Voltziaceae	Los Rastros	CTES-PB 12964	ovulate organ	Carnian	Arce and Lutz 2010
Muscites	Muscites guescelini	Bryopsida	Bryopsida	Bryopsida i.s.	Potrerillos	LPPB 10309a	gametophyte	Carnian	Morel et al. 2010
Muscites	Muscites guescelini	Bryopsida	Bryopsida	Bryopsida i.s.	Potrerillos	LPPB 11754	gametophyte	Carnian	Morel et al. 2010
Muscites	Muscites guescelini	Bryopsida	Bryopsida	Bryopsida i.s.	Potrerillos	LPPB 11761	gametophyte	Carnian	Morel et al. 2010
Lycopodites	Lycopodites sp.	Lycopsidea	Lycopodiales	Lycopodiaceae	Potrerillos	LPPB 12023a	stem	Carnian	Beltrán et al. 2018
Pleuromeia	Pleuromeia sp.	Lycopsidea	Isoetales	Pleuromeiaceae	Potrerillos	MHNSR-PB 478a	stem	Carnian	Morel and Povilaukas 2002
Equisetites	Equisetites fertilis	Equisetopsida	Equisetales	Equisetaceae	Potrerillos	LPPB 11883	stem	Carnian	Artabe et al. 2007a
Equisetites	Equisetites fertilis	Equisetopsida	Equisetales	Equisetaceae	Potrerillos	LPPB 11884	stem	Carnian	Artabe et al. 2007a
Equisetites	Equisetites fertilis	Equisetopsida	Equisetales	Equisetaceae	Potrerillos	LPPB 11885	stem	Carnian	Artabe et al. 2007a
Equisetites	Equisetites fertilis	Equisetopsida	Equisetales	Equisetaceae	Potrerillos	MCNAM-PB 1401	stem	Carnian	Artabe et al. 2007a
Equisetites	Equisetites fertilis	Equisetopsida	Equisetales	Equisetaceae	Potrerillos	MCNAM-PB 1402	stem	Carnian	Artabe et al. 2007a
Equisetites	Equisetites fertilis	Equisetopsida	Equisetales	Equisetaceae	Potrerillos	LPPB 11886a	stem	Carnian	Artabe et al. 2007a
Equisetites	Equisetites fertilis	Equisetopsida	Equisetales	Equisetaceae	Potrerillos	LPPB 11886b	stem	Carnian	Artabe et al. 2007a
Equisetites	Equisetites fertilis	Equisetopsida	Equisetales	Equisetaceae	Potrerillos	LPPB 11887	stem	Carnian	Artabe et al. 2007a































Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Potrerillos	LPPB 12796	leaf	Carnian	Artabe et al. 2007a
Pseudoctenis	Pseudoctenis spectabilis	Gymnospermopsida	Cycadales	Cycadales i.s.	Potrerillos	MHNSR-Pb 476	leaf	Carnian	Morel and Povilaukas 2002
Pseudoctenis	Pseudoctenis spectabilis	Gymnospermopsida	Cycadales	Cycadales i.s.	Potrerillos	MHNSR-Pb 477	leaf	Carnian	Morel and Povilaukas 2002
Pseudoctenis	Pseudoctenis spectabilis	Gymnospermopsida	Cycadales	Cycadales i.s.	Potrerillos	MHNSR-Pb 478	leaf	Carnian	Morel and Povilaukas 2002
Androstrobus	Androstrobus obovatus	Gymnospermopsida	Cycadales	Cycadales i.s.	Potrerillos	LPPB 10338b	pollen organ	Carnian	Bodnar et al. 2020
Androstrobus	Androstrobus obovatus	Gymnospermopsida	Cycadales	Cycadales i.s.	Potrerillos	LPPB 11792a	pollen organ	Carnian	Bodnar et al. 2020
Androstrobus	Androstrobus obovatus	Gymnospermopsida	Cycadales	Cycadales i.s.	Potrerillos	LPPB 11766a	pollen organ	Carnian	Bodnar et al. 2020
Androstrobus	Androstrobus obovatus	Gymnospermopsida	Cycadales	Cycadales i.s.	Potrerillos	LPPB 10197	pollen organ	Carnian	Bodnar et al. 2020
Sphenobaiera	Sphenobaiera argentinae	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	LPPB 11984d	leaf	Carnian	Artabe et al. 2007a
Ginkgoidium	Ginkgoidium bifidum	Gymnospermopsida	Ginkgoales	Ginkgoales	Potrerillos	LPPB 10177	leaf	Carnian	Morel et al. 2011
Hamshawvia	Hamshawvia cacheutensis	Gymnospermopsida	Ginkgoales	Hamshawviaceae	Potrerillos	LPPB 652	ovulate organ	Carnian	Bodnar et al. 2020
Hamshawvia	Hamshawvia cacheutensis	Gymnospermopsida	Ginkgoales	Hamshawviaceae	Potrerillos	LPPB 654	ovulate organ	Carnian	Bodnar et al. 2020
Sphenobaiera	Sphenobaiera argentinae	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	LPPB 11984c	leaf	Carnian	Artabe et al. 2007a
Sphenobaiera	Sphenobaiera argentinae	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	LPPB 12771	leaf	Carnian	Artabe et al. 2007a
Stachyopitys	Stachyopitys anthoides	Gymnospermopsida	Ginkgoales	Hamshawviaceae	Potrerillos	LPPB 576	pollen organ	Carnian	Bodnar et al. 2020
Stachyopitys	Stachyopitys anthoides	Gymnospermopsida	Ginkgoales	Hamshawviaceae	Potrerillos	LPPB 584a	pollen organ	Carnian	Bodnar et al. 2020
Stachyopitys	Stachyopitys anthoides	Gymnospermopsida	Ginkgoales	Hamshawviaceae	Potrerillos	LPPB 599a	pollen organ	Carnian	Bodnar et al. 2020
Stachyopitys	Stachyopitys anthoides	Gymnospermopsida	Ginkgoales	Hamshawviaceae	Potrerillos	LPPB 10114c	pollen organ	Carnian	Bodnar et al. 2020
Stachyopitys	Stachyopitys anthoides	Gymnospermopsida	Ginkgoales	Hamshawviaceae	Potrerillos	LPPB 10137	pollen organ	Carnian	Bodnar et al. 2020
Stachyopitys	Stachyopitys anthoides	Gymnospermopsida	Ginkgoales	Hamshawviaceae	Potrerillos	LPPB 10197	pollen organ	Carnian	Bodnar et al. 2020
Baiera	Baiera cuyana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	LPPB 11966	leaf	Carnian	Artabe et al. 2007a
Baiera	Baiera cuyana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	LPPB 11974	leaf	Carnian	Artabe et al. 2007a
Baiera	Baiera cuyana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	LPPB 12772a	leaf	Carnian	Artabe et al. 2007a
Baiera	Baiera cuyana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	LPPB 12772b	leaf	Carnian	Artabe et al. 2007a
Baiera	Baiera cuyana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	LPPB 12773a	leaf	Carnian	Artabe et al. 2007a
Baiera	Baiera cuyana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	LPPB 12773b	leaf	Carnian	Artabe et al. 2007a
Baiera	Baiera cuyana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	MCNAM-PB 1477	leaf	Carnian	Artabe et al. 2007a
Baiera	Baiera cuyana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	MCNAM-PB 1478	leaf	Carnian	Artabe et al. 2007a
Baiera	Baiera cuyana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	LPPB 12774	leaf	Carnian	Artabe et al. 2007a
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	LPPB 11907a	leaf	Carnian	Artabe et al. 2007a
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	LPPB 11954	leaf	Carnian	Artabe et al. 2007a
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	LPPB 12775	leaf	Carnian	Artabe et al. 2007a
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	LPPB 12776	leaf	Carnian	Artabe et al. 2007a
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Potrerillos	MCNAM-PB 1479	leaf	Carnian	Artabe et al. 2007a
Fraxinopsis	Fraxinopsis andium	Gymnospermopsida	Gnetales	Gnetales i.s.	Potrerillos	LPPB 12792a	seed	Carnian	Artabe et al. 2007a
Heidiphyllum	Heidiphyllum cacheutense	Gymnospermopsida	Voltziales	Voltziaceae	Potrerillos	LPPB 12028a	leaf	Carnian	Bodnar et al. 2020
Heidiphyllum	Heidiphyllum cacheutense	Gymnospermopsida	Voltziales	Voltziaceae	Potrerillos	LPPB 12029a	leaf	Carnian	Bodnar et al. 2020
Heidiphyllum	Heidiphyllum cacheutense	Gymnospermopsida	Voltziales	Voltziaceae	Potrerillos	LPPB 12030	leaf	Carnian	Bodnar et al. 2020
Heidiphyllum	Heidiphyllum cacheutense	Gymnospermopsida	Voltziales	Voltziaceae	Potrerillos	LPPB 12032a	leaf	Carnian	Bodnar et al. 2020
Heidiphyllum	Heidiphyllum cacheutense	Gymnospermopsida	Voltziales	Voltziaceae	Potrerillos	LPPB 12037a	leaf	Carnian	Bodnar et al. 2020











Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7424	leaf	Carnian	Archangelsky 1968
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7425	leaf	Carnian	Archangelsky 1968
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7428	leaf	Carnian	Archangelsky 1968
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7457	leaf	Carnian	Archangelsky 1968
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7458	leaf	Carnian	Archangelsky 1968
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7460	leaf	Carnian	Archangelsky 1968
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7461	leaf	Carnian	Archangelsky 1968
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7462	leaf	Carnian	Archangelsky 1968
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7465	leaf	Carnian	Archangelsky 1968
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LIL-PB 2764	leaf	Carnian	Archangelsky 1968
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LIL-PB 2771	leaf	Carnian	Archangelsky 1968
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7430	leaf	Carnian	Archangelsky 1968; Bodnar et al. 2022
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7431	leaf	Carnian	Archangelsky 1968; Bodnar et al. 2022
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7432	leaf	Carnian	Archangelsky 1968; Bodnar et al. 2022
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7433	leaf	Carnian	Archangelsky 1968; Bodnar et al. 2022
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7434	leaf	Carnian	Archangelsky 1968; Bodnar et al. 2022
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7436	leaf	Carnian	Archangelsky 1968; Bodnar et al. 2022
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7437	leaf	Carnian	Archangelsky 1968; Bodnar et al. 2022
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7438a	leaf	Carnian	Archangelsky 1968; Bodnar et al. 2022
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7441	leaf	Carnian	Archangelsky 1968; Bodnar et al. 2022
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 7448	leaf	Carnian	Archangelsky 1968; Bodnar et al. 2022
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LIL-PB 2765	leaf	Carnian	Archangelsky 1968; Bodnar et al. 2022
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LIL-PB 2776	leaf	Carnian	Archangelsky 1968; Bodnar et al. 2022
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	PBSJ 1742	leaf	Carnian	Drovandi et al. 2021; Bodnar et al. 202.
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	PBSJ 1743	leaf	Carnian	Drovandi et al. 2021; Bodnar et al. 202
Zuberia	Zuberia papillata	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	PBSJ 1744	leaf	Carnian	Drovandi et al. 2021; Bodnar et al. 202.
Dicroidium	Dicroidium odontopteroides	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	S/N_i_2	leaf	Carnian	Frenguelli 1948
Lepidopteris	Lepidopteris stormbergensis	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Ischigualasto	LPPB 7438	leaf	Carnian	Zamuner 1992
Lepidopteris	Lepidopteris stormbergensis	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Ischigualasto	LPPB 7439	leaf	Carnian	Zamuner 1992
Scytophyllum	Scytophyllum neuburgianum	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Ischigualasto	LPPB 7451	leaf	Carnian	Zamuner 1992
Michelilloa	Michelilloa wattonii	Gymnospermopsida	Cycadales	Cycadales i.s.	Ischigualasto	LIL-PB 2166	trunk	Carnian	Archangelsky and Brett 1963
Michelilloa	Michelilloa wattonii	Gymnospermopsida	Cycadales	Cycadales i.s.	Ischigualasto	Pb 3470	trunk	Carnian	Archangelsky and Brett 1963
Michelilloa	Michelilloa wattonii	Gymnospermopsida	Cycadales	Cycadales i.s.	Ischigualasto	Pb 3471	trunk	Carnian	Archangelsky and Brett 1963
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Ischigualasto	S/N_i_3	leaf	Carnian	Frenguelli 1948
Agathoxylon	Agathoxylon argentinum	Gymnospermopsida	Coniferales	Araucariaceae	Ischigualasto	LPPB 492	wood	Carnian	Bodnar et al. 2022
Agathoxylon	Agathoxylon argentinum	Gymnospermopsida	Coniferales	Araucariaceae	Ischigualasto	LPPB 495	wood	Carnian	Bodnar et al. 2022
Agathoxylon	Agathoxylon argentinum	Gymnospermopsida	Coniferales	Araucariaceae	Ischigualasto	LPPB 499	wood	Carnian	Bodnar et al. 2022
Agathoxylon	Agathoxylon argentinum	Gymnospermopsida	Coniferales	Araucariaceae	Ischigualasto	LPPB 503	wood	Carnian	Bodnar et al. 2022
Protojuniperoxylon	Protojuniperoxylon ischigualastense	Gymnospermopsida	Coniferales	Cupressaceae	Ischigualasto	LPPB 4375	wood	Carnian	Bodnar and Artabe 2007
Protojuniperoxylon	Protojuniperoxylon ischigualastense	Gymnospermopsida	Coniferales	Cupressaceae	Ischigualasto	LPPB 4377	wood	Carnian	Bodnar and Artabe 2007









Fraxinopsis	Fraxinopsis minor	Gymnospermopsida	Gnetales	Gnetales i.s.	Cacheuta	LPPB 4757a_c	seed	Carnian	Morel et al. 2012
Hamshawvia	Hamshawvia cacheutensis	Gymnospermopsida	Ginkgoales	Hamshawviaceae	Cacheuta	LPPB 4765_c	ovulate organ	Carnian	Bodnar et al. 2020
Heidiphyllum	Heidiphyllum cacheutense	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 4401a_c	leaf	Carnian	Bodnar et al. 2020
Heidiphyllum	Heidiphyllum cacheutense	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 4451_c	leaf	Carnian	Bodnar et al. 2020
Heidiphyllum	Heidiphyllum cacheutense	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 4672_c	leaf	Carnian	Bodnar et al. 2020
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 555_c	leaf	Carnian	Morel et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 4742_c	leaf	Carnian	Morel et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 4749a_c	leaf	Carnian	Morel et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 4753_c	leaf	Carnian	Morel et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 4766_c	leaf	Carnian	Morel et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 11865_c	leaf	Carnian	Morel et al. 2011
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4524_c	leaf	Carnian	Bodnar et al. 2020
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4422a_c	leaf	Carnian	Bodnar et al. 2020
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4662_c	leaf	Carnian	Bodnar et al. 2020
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4721a_c	leaf	Carnian	Bodnar et al. 2020
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4749_c	leaf	Carnian	Bodnar et al. 2020
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 11855_c	leaf	Carnian	Bodnar et al. 2020
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4301_c	leaf	Carnian	Bodnar et al. 2020
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Cacheuta	LPPB 3938_c	leaf	Carnian	Morel et al. 2011
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Cacheuta	LPPB 4869_c	leaf	Carnian	Morel et al. 2011
Linguifolium	Linguifolium lileanum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 11862_c	leaf	Carnian	Morel et al. 2011
Linguifolium	Linguifolium lileanum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 11863_c	leaf	Carnian	Morel et al. 2011
Linguifolium	Linguifolium lileanum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 11864_c	leaf	Carnian	Morel et al. 2011
Linguifolium	Linguifolium steinmannii	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 11859_c	leaf	Carnian	Morel et al. 2011
Linguifolium	Linguifolium steinmannii	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 11860_c	leaf	Carnian	Morel et al. 2011
Linguifolium	Linguifolium steinmannii	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 11861_c	leaf	Carnian	Morel et al. 2011
Linguifolium	Linguifolium steinmannii	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 11865_c	leaf	Carnian	Morel et al. 2011
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Cacheuta	LPPB 562_c	leaf	Carnian	Morel et al. 2010
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Cacheuta	LPPB 526_c	leaf	Carnian	Morel et al. 2010
Nilssonina	Nilssonina taeniopteroides	Gymnospermopsida	Nilssoniales	Nilssoniaceae	Cacheuta	LPPB 11872_c	leaf	Carnian	Morel et al. 2011
Nilssonina	Nilssonina taeniopteroides	Gymnospermopsida	Nilssoniales	Nilssoniaceae	Cacheuta	LPPB 11873_c	leaf	Carnian	Morel et al. 2011
Odyssianthus	Odyssianthus sp.	Gymnospermopsida	Coniferales	Podocarpaceae	Cacheuta	LPPB 4812b_c	pollen organ	Carnian	Bodnar et al. 2020
Phacolepis	Phacolepis mendozana	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 4763a_c	seed bract	Carnian	Frenquelli 1942b
Pleuromeia	Pleuromeia sp.	Lycopsidea	Isoetales	Pleuromeiaceae	Cacheuta	LPPB 11866_c	stem	Carnian	Morel et al. 2010
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Cacheuta	LPPB 510_c	leaf	Carnian	Morel et al. 2011
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Cacheuta	LPPB 512_c	leaf	Carnian	Morel et al. 2011
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Cacheuta	LPPB 513_c	leaf	Carnian	Morel et al. 2011
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Cacheuta	LPPB 515_c	leaf	Carnian	Morel et al. 2011
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Cacheuta	LPPB 516_c	leaf	Carnian	Morel et al. 2011
Rissikia	Rissikia media	Gymnospermopsida	Coniferales	Podocarpaceae	Cacheuta	LPPB 11856_c	leafy shoot	Carnian	Morel et al. 2011











Dicroidium	Dicroidium odontopteroides	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4724_n	leaf	Norian	Morel et al. 2010
Dicroidium	Dicroidium odontopteroides	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4812a_n	leaf	Norian	Morel et al. 2010
Dicroidium	Dicroidium odontopteroides	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4858_n	leaf	Norian	Morel et al. 2010
Dicroidium	Dicroidium odontopteroides	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4859_n	leaf	Norian	Morel et al. 2010
Dicroidium	Dicroidium pinnis-distantibus	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4396b_n	leaf	Norian	Morel et al. 2010
Dicroidium	Dicroidium pinnis-distantibus	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4708_n	leaf	Norian	Morel et al. 2010
Dicroidium	Dicroidium pinnis-distantibus	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4706_n	leaf	Norian	Morel et al. 2010
Dicroidium	Dicroidium pinnis-distantibus	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4707_n	leaf	Norian	Morel et al. 2010
Dicroidium	Dicroidium pinnis-distantibus	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4392_n	leaf	Norian	Morel et al. 2010
Dicroidium	Dicroidium pinnis-distantibus	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4397_n	leaf	Norian	Morel et al. 2010
Fanerotheca	Fanerotheca exstans	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4720_n	ovulate organ	Norian	Bodnar et al. 2020
Feruglloa	Feruglloa samaroides	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4812a_n	seed	Norian	Bodnar et al. 2020
Fraxinopsis	Fraxinopsis andium	Gymnospermopsida	Gnetales	Gnetales i.s.	Cacheuta	LPPB 4755_n	seed	Norian	Morel et al. 2011
Fraxinopsis	Fraxinopsis andium	Gymnospermopsida	Gnetales	Gnetales i.s.	Cacheuta	LPPB 4756_n	seed	Norian	Morel et al. 2011
Fraxinopsis	Fraxinopsis minor	Gymnospermopsida	Gnetales	Gnetales i.s.	Cacheuta	LPPB 4628_n	seed	Norian	Morel et al. 2011
Fraxinopsis	Fraxinopsis minor	Gymnospermopsida	Gnetales	Gnetales i.s.	Cacheuta	LPPB 10356_n	seed	Norian	Morel et al. 2011
Fraxinopsis	Fraxinopsis minor	Gymnospermopsida	Gnetales	Gnetales i.s.	Cacheuta	LPPB 4757a_n	seed	Norian	Morel et al. 2012
Hamshawvia	Hamshawvia cacheutensis	Gymnospermopsida	Ginkgoales	Hamshawviaceae	Cacheuta	LPPB 4765_n	ovulate organ	Norian	Bodnar et al. 2020
Heidiphyllum	Heidiphyllum cacheutense	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 4401a_n	leaf	Norian	Bodnar et al. 2020
Heidiphyllum	Heidiphyllum cacheutense	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 4451_n	leaf	Norian	Bodnar et al. 2020
Heidiphyllum	Heidiphyllum cacheutense	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 4672_n	leaf	Norian	Bodnar et al. 2020
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 555_n	leaf	Norian	Morel et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 4742_n	leaf	Norian	Morel et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 4749a_n	leaf	Norian	Morel et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 4753_n	leaf	Norian	Morel et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 4766_n	leaf	Norian	Morel et al. 2011
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Cacheuta	LPPB 11865_n	leaf	Norian	Morel et al. 2011
Johnstonia	Johnstonia coriacea	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4524_n	leaf	Norian	Bodnar et al. 2020
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4422a_n	leaf	Norian	Bodnar et al. 2020
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4662_n	leaf	Norian	Bodnar et al. 2020
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4721a_n	leaf	Norian	Bodnar et al. 2020
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4749_n	leaf	Norian	Bodnar et al. 2020
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 11855_n	leaf	Norian	Bodnar et al. 2020
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4301_n	leaf	Norian	Bodnar et al. 2020
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Cacheuta	LPPB 3938_n	leaf	Norian	Morel et al. 2011
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Cacheuta	LPPB 4869_n	leaf	Norian	Morel et al. 2011
Linguifolium	Linguifolium lileanum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 11862_n	leaf	Norian	Morel et al. 2011
Linguifolium	Linguifolium lileanum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 11863_n	leaf	Norian	Morel et al. 2011
Linguifolium	Linguifolium lileanum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 11864_n	leaf	Norian	Morel et al. 2011
Linguifolium	Linguifolium steinmannii	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 11859_n	leaf	Norian	Morel et al. 2011

Linguifolium	Linguifolium steinmannii	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 11860_n	leaf	Norian	Morel et al. 2011
Linguifolium	Linguifolium steinmannii	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 11861_n	leaf	Norian	Morel et al. 2011
Linguifolium	Linguifolium steinmannii	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 11865_n	leaf	Norian	Morel et al. 2011
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Cacheuta	LPPB 562_n	leaf	Norian	Morel et al. 2010
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Cacheuta	LPPB 526_n	leaf	Norian	Morel et al. 2010
Nilssonia	Nilssonia taeniopteroides	Gymnospermopsida	Nilssoniales	Nilssonaceae	Cacheuta	LPPB 11872_n	leaf	Norian	Morel et al. 2011
Nilssonia	Nilssonia taeniopteroides	Gymnospermopsida	Nilssoniales	Nilssonaceae	Cacheuta	LPPB 11873_n	leaf	Norian	Morel et al. 2011
Odyssianthus	Odyssianthus sp.	Gymnospermopsida	Coniferales	Podocarpaceae	Cacheuta	LPPB 4812b_n	pollen organ	Norian	Bodnar et al. 2020
Phacolepis	Phacolepis mendozana	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Cacheuta	LPPB 4763a_n	seed bract	Norian	Frenguelli 1942a
Pleuromeia	Pleuromeia sp.	Lycopsida	Isoetales	Pleuromeiaceae	Cacheuta	LPPB 11866_n	stem	Norian	Morel et al. 2010
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Cacheuta	LPPB 510_n	leaf	Norian	Morel et al. 2011
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Cacheuta	LPPB 512_n	leaf	Norian	Morel et al. 2011
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Cacheuta	LPPB 513_n	leaf	Norian	Morel et al. 2011
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Cacheuta	LPPB 515_n	leaf	Norian	Morel et al. 2011
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Cacheuta	LPPB 516_n	leaf	Norian	Morel et al. 2011
Rissikia	Rissikia media	Gymnospermopsida	Coniferales	Podocarpaceae	Cacheuta	LPPB 11856_n	leafy shoot	Norian	Morel et al. 2011
Rissikianthus	Rissikianthus sp.	Gymnospermopsida	Coniferales	Podocarpaceae	Cacheuta	LPPB 561_n	pollen organ	Norian	Bodnar et al. 2020
Sphenobaiera	Sphenobaiera argentinae	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Cacheuta	LPPB 4420_n	leaf	Norian	Morel et al. 2011
Sphenobaiera	Sphenobaiera argentinae	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Cacheuta	LPPB 4708a_n	leaf	Norian	Morel et al. 2011
Sphenobaiera	Sphenobaiera argentinae	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Cacheuta	LPPB 4757_n	leaf	Norian	Morel et al. 2011
Sphenobaiera	Sphenobaiera argentinae	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Cacheuta	LPPB 4840_n	leaf	Norian	Morel et al. 2011
Sphenobaiera	Sphenobaiera argentinae	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Cacheuta	LPPB 4841_n	leaf	Norian	Morel et al. 2011
Sphenobaiera	Sphenobaiera argentinae	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Cacheuta	LPPB 4842_n	leaf	Norian	Morel et al. 2011
Sphenobaiera	Sphenobaiera argentinae	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Cacheuta	LPPB 4843_n	leaf	Norian	Morel et al. 2011
Sphenobaiera	Sphenobaiera argentinae	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Cacheuta	LPPB 4844_n	leaf	Norian	Morel et al. 2011
Sphenobaiera	Sphenobaiera argentinae	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Cacheuta	LPPB 4848_n	leaf	Norian	Morel et al. 2011
Xylopteris	Xylopteris argentina	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4307_n	leaf	Norian	Morel et al. 2010
Xylopteris	Xylopteris argentina	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 4308_n	leaf	Norian	Morel et al. 2010
Yabeiella	Yabeiella wielandi	Gymnospermopsida	Gnetales	Gnetales i.s.	Cacheuta	LPPB 4812_n	leaf	Norian	Morel et al. 2011
Zuberia	Zuberia feistmanteli	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 563_n	leaf	Norian	Morel et al. 2010
Zuberia	Zuberia feistmanteli	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 11867_n	leaf	Norian	Morel et al. 2010
Zuberia	Zuberia feistmanteli	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 11868_n	leaf	Norian	Morel et al. 2010
Zuberia	Zuberia feistmanteli	Gymnospermopsida	Corystospermales	Corystospermaceae	Cacheuta	LPPB 11869_n	leaf	Norian	Morel et al. 2010
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Llantenés	Llan_s/n_nor	stem	Norian	Menendez 1951
Cladophlebis	Cladophlebis kurtzi	Polypodiopsida	Osmundales	Osmundaceae	Llantenés	BA Pb 4551_nor	sterile leaf	Norian	Menendez 1951
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Llantenés	LPPB 12902_nor	sterile leaf	Norian	Artabe et al. 1998
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Llantenés	LPPB 12905_nor	sterile leaf	Norian	Artabe et al. 1998
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Llantenés	LPPB 12914_nor	sterile leaf	Norian	Artabe et al. 1998
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Llantenés	LPPB 12917_nor	sterile leaf	Norian	Artabe et al. 1998
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Llantenés	BA Pb 4553_nor	sterile leaf	Norian	Menendez 1951





Zuberia	Zuberia feistmanteli	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenes	LPPB 12961_nor	leaf	Norian	Artabe et al. 1998
Zuberia	Zuberia feistmanteli	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenes	LPPB 12965a_nor	leaf	Norian	Artabe et al. 1998
Zuberia	Zuberia feistmanteli	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenes	LPPB 12965b_nor	leaf	Norian	Artabe et al. 1998
Zuberia	Zuberia zuberi	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenes	LPPB 12920_nor	leaf	Norian	Artabe et al. 1998
Zuberia	Zuberia zuberi	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenes	LPPB 12959_nor	leaf	Norian	Artabe et al. 1998
Zuberia	Zuberia zuberi	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenes	LPPB 12960_nor	leaf	Norian	Artabe et al. 1998
Zuberia	Zuberia zuberi	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenes	LPPB 12967_nor	leaf	Norian	Artabe et al. 1998
Pachydermophyllum	Pachydermophyllum pinnatum	Gymnospermopsida	Peltaspermales	Mattatiellaceae	Llantenes	LPPB 12893_nor	leaf	Norian	Artabe et al. 1998
Rochipteris	Rochipteris lacerata	Gymnospermopsida	Petriellales	Petriellaceae	Llantenes	LPPB 12921a_nor	leaf	Norian	Artabe et al. 1998
Rochipteris	Rochipteris lacerata	Gymnospermopsida	Petriellales	Petriellaceae	Llantenes	LPPB 12921b_nor	leaf	Norian	Artabe et al. 1998
Rochipteris	Rochipteris lacerata	Gymnospermopsida	Petriellales	Petriellaceae	Llantenes	LPPB 12904a_nor	leaf	Norian	Artabe et al. 1998
Rochipteris	Rochipteris lacerata	Gymnospermopsida	Petriellales	Petriellaceae	Llantenes	LPPB 12904b_nor	leaf	Norian	Artabe et al. 1998
Rochipteris	Rochipteris lacerata	Gymnospermopsida	Petriellales	Petriellaceae	Llantenes	LPPB 12943a_nor	leaf	Norian	Artabe et al. 1998
Rochipteris	Rochipteris lacerata	Gymnospermopsida	Petriellales	Petriellaceae	Llantenes	LPPB 12943b_nor	leaf	Norian	Artabe et al. 1998
Rochipteris	Rochipteris lacerata	Gymnospermopsida	Petriellales	Petriellaceae	Llantenes	LPPB 12953_nor	leaf	Norian	Artabe et al. 1998
Rochipteris	Rochipteris lacerata	Gymnospermopsida	Petriellales	Petriellaceae	Llantenes	LPPB 11737_nor	leaf	Norian	Artabe et al. 1998
Rochipteris	Rochipteris lacerata	Gymnospermopsida	Petriellales	Petriellaceae	Llantenes	LPPB 11738_nor	leaf	Norian	Artabe et al. 1998
Nilssononia	Nilssononia sp.	Gymnospermopsida	Nilssoniales	Nilssonaceae	Llantenes	BA Pb 5012_nor	leaf	Norian	Menendez 1951
Nilssononia	Nilssononia princeps	Gymnospermopsida	Nilssoniales	Nilssonaceae	Llantenes	BA Pb 5001_nor	leaf	Norian	Menendez 1951
Ctenis	Ctenis takamiana	Gymnospermopsida	Cycadales	Cycadales i.s.	Llantenes	BA Pb 5008_nor	leaf	Norian	Menendez 1951
Ctenis	Ctenis takamiana	Gymnospermopsida	Cycadales	Cycadales i.s.	Llantenes	BA Pb 5009_nor	leaf	Norian	Menendez 1951
Pseudoctenis	Pseudoctenis carteriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Llantenes	LPPB 12919_nor	leaf	Norian	Artabe et al. 1998
Taeniopteris	Taeniopteris arctica	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Llantenes	BA Pb 4901_nor	leaf	Norian	Menendez 1951
Taeniopteris	Taeniopteris plicatella	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Llantenes	BA Pb 4907_nor	leaf	Norian	Menendez 1951
Taeniopteris	Taeniopteris plicatella	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Llantenes	BA Pb 4911_nor	leaf	Norian	Menendez 1951
Taeniopteris	Taeniopteris stenophylla	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Llantenes	BA Pb 4865_nor	leaf	Norian	Menendez 1951
Taeniopteris	Taeniopteris stenophylla	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Llantenes	BA Pb 4861_nor	leaf	Norian	Menendez 1951
Baiera	Baiera sp.	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	Llans/n2_nor	leaf	Norian	Menendez 1951
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 11731_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 11732_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12858_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12865a_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12865b_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12874_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12885a_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12885b_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12886_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12889a_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12889b_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12895a_nor	leaf	Norian	Artabe et al. 1998

Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12895b_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12899a_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12899b_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12903_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12911_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12912_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12913_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12924_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12941_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12944a_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12944b_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12945_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12966_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera furcata	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12923a_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera furcata	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12923b_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera furcata	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12925_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera furcata	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12927_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera furcata	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12928a_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera furcata	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12928b_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera furcata	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12929a_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera furcata	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12929b_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera furcata	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12931_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera furcata	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12932_nor	leaf	Norian	Artabe et al. 1998
Baiera	Baiera furcata	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	LPPB 12935_nor	leaf	Norian	Artabe et al. 1998
Ginkgoidium	Ginkgoidium nathorstii	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	BA Pb 5150_nor	leaf	Norian	Menendez 1951
Baieroxylon	Baieroxylon chilensis	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Llantenes	MCNAM_PB 1513_nor	wood	Norian	Crisafulli et Herbst 2010
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Llantenes	LPPB 12898a_nor	leaf	Norian	Artabe et al. 1998
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Llantenes	LPPB 12898b_nor	leaf	Norian	Artabe et al. 1998
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Llantenes	LPPB 12927_nor	leaf	Norian	Artabe et al. 1998
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Llantenes	LPPB 12929a_nor	leaf	Norian	Artabe et al. 1998
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Llantenes	LPPB 12929b_nor	leaf	Norian	Artabe et al. 1998
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Llantenes	LPPB 12933_nor	leaf	Norian	Artabe et al. 1998
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Llantenes	LPPB 11741_nor	leaf	Norian	Artabe et al. 1998
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Llantenes	LPPB 11742_nor	leaf	Norian	Artabe et al. 1998
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Llantenes	BA Pb 5192_nor	leaf	Norian	Menendez 1951
Heidiphyllum	Heidiphyllum minutifolium	Gymnospermopsida	Voltziales	Voltziaceae	Llantenes	BA Pb 5191_nor	leaf	Norian	Menendez 1951 Bodnar et al. 2015
Heidiphyllum	Heidiphyllum minutifolium	Gymnospermopsida	Voltziales	Voltziaceae	Llantenes	BA Pb 5153_nor	leaf	Norian	Menendez 1951 Bodnar et al. 2015
Cupressinoxylon	Cupressinoxylon llantenesense	Gymnospermopsida	Coniferales	Cupressaceae	Llantenes	IANIGLA-PB 740_nor	wood	Norian	Gnaedinger and Zavattieri 2020
Cupressinoxylon	Cupressinoxylon llantenesense	Gymnospermopsida	Coniferales	Cupressaceae	Llantenes	IANIGLA-PB 741_nor	wood	Norian	Gnaedinger and Zavattieri 2020
Cupressinoxylon	Cupressinoxylon llantenesense	Gymnospermopsida	Coniferales	Cupressaceae	Llantenes	IANIGLA-PB 743_nor	wood	Norian	Gnaedinger and Zavattieri 2020









Cladophlebis	Cladophlebis denticulata	Polypodiopsida	Osmundales	Osmundaceae	Chihuido	BA Pb 4558_nor	leaf	Norian	Menendez 1951
Cladophlebis	Cladophlebis mendozaensis	Polypodiopsida	Osmundales	Osmundaceae	Chihuido	BA Pb 4581_nor	leaf	Norian	Menendez 1951
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Chihuido	BA Pb 4578_nor	leaf	Norian	Menendez 1951
Thaumatopteris	Thaumatopteris chihuiensis	Polypodiopsida	Gleicheniales	Dipteridaceae	Chihuido	BA Pb 4650_nor	leaf	Norian	Menendez 1951
Thaumatopteris	Thaumatopteris chihuiensis	Polypodiopsida	Gleicheniales	Dipteridaceae	Chihuido	CTES-PB 8798_nor	leaf	Norian	Herbst 1992
Thaumatopteris	Thaumatopteris chihuiensis	Polypodiopsida	Gleicheniales	Dipteridaceae	Chihuido	CTES-PB 8802_nor	leaf	Norian	Herbst 1992
Thaumatopteris	Thaumatopteris tenuiserrata	Polypodiopsida	Gleicheniales	Dipteridaceae	Chihuido	BA Pb 4651_nor	leaf	Norian	Menendez 1951
Thaumatopteris	Thaumatopteris tenuiserrata	Polypodiopsida	Gleicheniales	Dipteridaceae	Chihuido	BA Pb 4656_nor	leaf	Norian	Menendez 1951
Thaumatopteris	Thaumatopteris tenuiserrata	Polypodiopsida	Gleicheniales	Dipteridaceae	Chihuido	CTES-PB 8788_nor	leaf	Norian	Herbst 1992
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 11711_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 11712_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 11715_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 11716_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12845a_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12845b_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12846_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12847_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12849a_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12849b_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12852_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12853a_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12853b_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12854_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12855_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12856a_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12856b_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12850_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium odontopteroides	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 11720_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium odontopteroides	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 11727_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium odontopteroides	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 11728_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium lancifolium	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 11717_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium lancifolium	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 11722_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium lancifolium	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 11727_nor	leaf	Norian	Artabe et al. 1998
Dicroidium	Dicroidium lancifolium	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 11728_nor	leaf	Norian	Artabe et al. 1998
Zuberia	Zuberia feistmantelii	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12857a_nor	leaf	Norian	Artabe et al. 1998
Zuberia	Zuberia feistmantelii	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	LPPB 12857b_nor	leaf	Norian	Artabe et al. 1998
Xylopteris	Xylopteris argentina	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	Chis/nc_nor	leaf	Norian	Menendez 1951
Xylopteris	Xylopteris elongata	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	BA Pb 5261_nor	leaf	Norian	Menendez 1951
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	BA Pb 5351_nor	leaf	Norian	Menendez 1951
Johnstonia	Johnstonia stelzneriana	Gymnospermopsida	Corystospermales	Corystospermaceae	Chihuido	BA Pb 5354_nor	leaf	Norian	Menendez 1951

Pseudoctenis	Pseudoctenis carteriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Chihuido	LPPB 11718_nor	leaf	Norian	Artabe et al. 1998
Pseudoctenis	Pseudoctenis carteriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Chihuido	LPPB 11719_nor	leaf	Norian	Artabe et al. 1998
Pseudoctenis	Pseudoctenis carteriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Chihuido	LPPB 11721_nor	leaf	Norian	Artabe et al. 1998
Pseudoctenis	Pseudoctenis carteriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Chihuido	LPPB 11723_nor	leaf	Norian	Artabe et al. 1998
Rochipteris	Rochipteris lacerata	Gymnospermopsida	Petriellales	Petriellaceae	Chihuido	BA Pb 4503_nor	leaf	Norian	Menendez 1951
Rochipteris	Rochipteris lacerata	Gymnospermopsida	Petriellales	Petriellaceae	Chihuido	BA Pb 4519_nor	leaf	Norian	Menendez 1951
Rochipteris	Rochipteris lacerata	Gymnospermopsida	Petriellales	Petriellaceae	Chihuido	BA Pb 4801_nor	leaf	Norian	Menendez 1951
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Chihuido	LPPB 11728_nor	leaf	Norian	Artabe et al. 1998
Sphenopteris	Sphenopteris membranosa	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Chihuido	BA Pb 4886_nor	leaf	Norian	Menendez 1951
Linguifolium	Linguifolium tenison-woodsii	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Chihuido	LPPB 11713_nor	leaf	Norian	Artabe et al. 1998
Linguifolium	Linguifolium tenison-woodsii	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Chihuido	LPPB 11714_nor	leaf	Norian	Artabe et al. 1998
Linguifolium	Linguifolium tenison-woodsii	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Chihuido	LPPB 12851_nor	leaf	Norian	Artabe et al. 1998
Linguifolium	Linguifolium arctum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Chihuido	LPPB 12848a_nor	leaf	Norian	Artabe et al. 1998
Linguifolium	Linguifolium arctum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Chihuido	LPPB 12848b_nor	leaf	Norian	Artabe et al. 1998
Taeniopteris	Taeniopteris densinervis	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Chihuido	BA Pb 4923_nor	leaf	Norian	Menendez 1951
Taeniopteris	Taeniopteris stenophylla	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Chihuido	BA Pb 4958_nor	leaf	Norian	Menendez 1951
Taeniopteris	Taeniopteris stenophylla	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Chihuido	BA Pb 4865_nor	leaf	Norian	Menendez 1951
Taeniopteris	Taeniopteris stenophylla	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Chihuido	BA Pb 4966_nor	leaf	Norian	Menendez 1951
Pachydermophyllum	Pachydermophyllum praecordillerae	Gymnospermopsida	Peltaspermales	Mattatielaceae	Chihuido	BA Pb 4800_nor	leaf	Norian	Menendez 1951
Pachydermophyllum	Pachydermophyllum praecordillerae	Gymnospermopsida	Peltaspermales	Mattatielaceae	Chihuido	BA Pb 4802_nor	leaf	Norian	Menendez 1951
Pachydermophyllum	Pachydermophyllum praecordillerae	Gymnospermopsida	Peltaspermales	Mattatielaceae	Chihuido	BA Pb 4817_nor	leaf	Norian	Menendez 1951
Yabeiella	Yabeiella brackesbsuchiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Chihuido	BA Pb 4800_nor	leaf	Norian	Menendez 1951
Yabeiella	Yabeiella mareyesiacca	Gymnospermopsida	Gnetales	Gnetales i.s.	Chihuido	BA Pb 4904_nor	leaf	Norian	Menendez 1951
Agathoxylon	Agathoxylon lamaibandianus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chihuido	IANIGLA-PB 792a_nor	wood	Norian	Gnaedinger and Zavattieri 2020
Agathoxylon	Agathoxylon lamaibandianus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chihuido	IANIGLA-PB 792b_nor	wood	Norian	Gnaedinger and Zavattieri 2020
Agathoxylon	Agathoxylon lamaibandianus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chihuido	IANIGLA-PB 793a_nor	wood	Norian	Gnaedinger and Zavattieri 2020
Agathoxylon	Agathoxylon lamaibandianus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chihuido	IANIGLA-PB 793b_nor	wood	Norian	Gnaedinger and Zavattieri 2020
Agathoxylon	Agathoxylon cozzoi	Gymnospermopsida	Coniferales	Coniferales i.s.	Chihuido	IANIGLA-PB 794_nor	wood	Norian	Gnaedinger and Zavattieri 2020
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Ischigualasto	LPPB 9540_nor	stem	Norian	Freguelli 1948
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Ischigualasto	LPPB 9541_nor	stem	Norian	Freguelli 1948
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Ischigualasto	LPPB 9542_nor	stem	Norian	Freguelli 1948
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Ischigualasto	LPPB 9543_nor	stem	Norian	Freguelli 1948
Rhexoxylon	Rhexoxylon piatnitzkyi	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 1897_nor	trunk	Norian	Zamuner 1992
Rhexoxylon	Rhexoxylon piatnitzkyi	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 1898_nor	trunk	Norian	Zamuner 1992
Rhexoxylon	Rhexoxylon piatnitzkyi	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 1899_nor	trunk	Norian	Zamuner 1992
Rhexoxylon	Rhexoxylon piatnitzkyi	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 1900_nor	trunk	Norian	Zamuner 1992
Rhexoxylon	Rhexoxylon piatnitzkyi	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 1901_nor	trunk	Norian	Zamuner 1992
Rhexoxylon	Rhexoxylon piatnitzkyi	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 1902_nor	trunk	Norian	Zamuner 1992
Rhexoxylon	Rhexoxylon piatnitzkyi	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 1903_nor	trunk	Norian	Zamuner 1992
Rhexoxylon	Rhexoxylon piatnitzkyi	Gymnospermopsida	Corystospermales	Corystospermaceae	Ischigualasto	LPPB 1904_nor	trunk	Norian	Zamuner 1992





Lepidopteris	Lepidopteris stormbergensis	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Ischigualasto	LPPB 7439_nor	leaf	Norian	Zamuner 1992
Scytophyllum	Scytophyllum neuburgianum	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Ischigualasto	LPPB 7451_nor	leaf	Norian	Zamuner 1992
Michelilloa	Michelilloa waltonii	Gymnospermopsida	Cycadales	Cycadales i.s.	Ischigualasto	LIL-PB 2166_nor	trunk	Norian	Archangelsky and Brett 1963
Michelilloa	Michelilloa waltonii	Gymnospermopsida	Cycadales	Cycadales i.s.	Ischigualasto	Pb 3470_nor	trunk	Norian	Archangelsky and Brett 1963
Michelilloa	Michelilloa waltonii	Gymnospermopsida	Cycadales	Cycadales i.s.	Ischigualasto	Pb 3471_nor	trunk	Norian	Archangelsky and Brett 1963
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Ischigualasto	S/N_i_3_nor	leaf	Norian	Freguelli 1948
Agathoxylon	Agathoxylon argentinum	Gymnospermopsida	Coniferales	Araucariaceae	Ischigualasto	LPPB 492_nor	wood	Norian	Bodnar et al. 2022
Agathoxylon	Agathoxylon argentinum	Gymnospermopsida	Coniferales	Araucariaceae	Ischigualasto	LPPB 495_nor	wood	Norian	Bodnar et al. 2022
Agathoxylon	Agathoxylon argentinum	Gymnospermopsida	Coniferales	Araucariaceae	Ischigualasto	LPPB 499_nor	wood	Norian	Bodnar et al. 2022
Agathoxylon	Agathoxylon argentinum	Gymnospermopsida	Coniferales	Araucariaceae	Ischigualasto	LPPB 503_nor	wood	Norian	Bodnar et al. 2022
Protojuniperoxylon	Protojuniperoxylon ischigualastense	Gymnospermopsida	Coniferales	Cupressaceae	Ischigualasto	LPPB 4375_nor	wood	Norian	Bodnar et Artabe 2007
Protojuniperoxylon	Protojuniperoxylon ischigualastense	Gymnospermopsida	Coniferales	Cupressaceae	Ischigualasto	LPPB 4377_nor	wood	Norian	Bodnar et Artabe 2007
Protojuniperoxylon	Protojuniperoxylon ischigualastense	Gymnospermopsida	Coniferales	Cupressaceae	Ischigualasto	LPPB 4379_nor	wood	Norian	Bodnar et Artabe 2007
Clathropteris	Clathropteris sp.	Polypodiopsida	Gleicheniales	Dipteridaceae	Arroyo Malo	MLP s/n	leaf	Rhaetian	Riccardi et al. 1997
Zuberia	Zuberia zuberi	Gymnospermopsida	Corystospermales	Corystospermaceae	Arroyo Malo	MLP 27772	leaf	Rhaetian	Riccardi et al. 1997
Dicroidium	Dicroidium sp. 1	Gymnospermopsida	Corystospermales	Corystospermaceae	Rancho de Lata	BAFC-Pb 15956	leaf	Rhaetian	Alvarez et al. 1994
Cordaicarpus	Cordaicarpus sp.	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Rancho de Lata	BAFC-Pb 15952	seed	Rhaetian	Alvarez et al. 1994
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Llantenés	Llan_s/n_ret	stem	Rhaetian	Menendez 1951
Cladophlebis	Cladophlebis kurtzi	Polypodiopsida	Osmundales	Osmundaceae	Llantenés	BA Pb 4551_ret	sterile leaf	Rhaetian	Menendez 1951
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Llantenés	LPPB 12902_ret	sterile leaf	Rhaetian	Artabe et al. 1998
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Llantenés	LPPB 12905_ret	sterile leaf	Rhaetian	Artabe et al. 1998
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Llantenés	LPPB 12914_ret	sterile leaf	Rhaetian	Artabe et al. 1998
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Llantenés	LPPB 12917_ret	sterile leaf	Rhaetian	Artabe et al. 1998
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Llantenés	BA Pb 4553_ret	sterile leaf	Rhaetian	Menendez 1951
Thaumatopteris	Thaumatopteris tenuiserrata	Polypodiopsida	Gleicheniales	Dipteridaceae	Llantenés	LPPB 12922a_ret	leaf	Rhaetian	Artabe et al. 1998
Thaumatopteris	Thaumatopteris tenuiserrata	Polypodiopsida	Gleicheniales	Dipteridaceae	Llantenés	LPPB 12922b_ret	leaf	Rhaetian	Artabe et al. 1998
Thaumatopteris	Thaumatopteris tenuiserrata	Polypodiopsida	Gleicheniales	Dipteridaceae	Llantenés	LPPB 12922c_ret	leaf	Rhaetian	Artabe et al. 1998
Thaumatopteris	Thaumatopteris tenuiserrata	Polypodiopsida	Gleicheniales	Dipteridaceae	Llantenés	LPPB 12930_ret	leaf	Rhaetian	Artabe et al. 1998
Thaumatopteris	Thaumatopteris tenuiserrata	Polypodiopsida	Gleicheniales	Dipteridaceae	Llantenés	LPPB 12937_ret	leaf	Rhaetian	Artabe et al. 1998
Thaumatopteris	Thaumatopteris tenuiserrata	Polypodiopsida	Gleicheniales	Dipteridaceae	Llantenés	LPPB 12938_ret	leaf	Rhaetian	Artabe et al. 1998
Thaumatopteris	Thaumatopteris tenuiserrata	Polypodiopsida	Gleicheniales	Dipteridaceae	Llantenés	LPPB 12939_ret	leaf	Rhaetian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenés	LPPB 12910_ret	leaf	Rhaetian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenés	LPPB 12947_ret	leaf	Rhaetian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenés	LPPB 12954a_ret	leaf	Rhaetian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenés	LPPB 12954b_ret	leaf	Rhaetian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenés	LPPB 12955_ret	leaf	Rhaetian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenés	LPPB 12956a_ret	leaf	Rhaetian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenés	LPPB 12956b_ret	leaf	Rhaetian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenés	LPPB 12957_ret	leaf	Rhaetian	Artabe et al. 1998
Dicroidium	Dicroidium crassum	Gymnospermopsida	Corystospermales	Corystospermaceae	Llantenés	LPPB 11738_ret	leaf	Rhaetian	Artabe et al. 1998



























Zuberia	Zuberia zuberi	Gymnospermopsida	Corystospermales	Corystospermaceae	Paso Flores	LPPB 12526	leaf	Rhaetian	Ganuza et al. 1995
Zuberia	Zuberia zuberi	Gymnospermopsida	Corystospermales	Corystospermaceae	Paso Flores	LPPB 12527	leaf	Rhaetian	Ganuza et al. 1995
Zuberia	Zuberia zuberi	Gymnospermopsida	Corystospermales	Corystospermaceae	Paso Flores	LPPB 12537b	leaf	Rhaetian	Ganuza et al. 1995
Pachydermophyllum	Pachydermophyllum praecordillerae	Gymnospermopsida	Peltaspermales	Mattatielaceae	Paso Flores	MFC-PBPH 426a	leaf	Rhaetian	Gnaedinger and Zavattieri 2017
Pachydermophyllum	Pachydermophyllum praecordillerae	Gymnospermopsida	Peltaspermales	Mattatielaceae	Paso Flores	LPPB 12240	leaf	Rhaetian	Morel et al. 1992
Nilssononia	Nilssononia taeniopteroides	Gymnospermopsida	Nilssoniales	Nilssoniaceae	Paso Flores	LPPB 12533	leaf	Rhaetian	Ganuza et al. 1995
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Paso Flores	LPPB 12225b	leaf	Rhaetian	Morel et al. 1992
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Paso Flores	LPPB 12248	leaf	Rhaetian	Morel et al. 1992
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Paso Flores	LPPB 12249	leaf	Rhaetian	Morel et al. 1992
Kurtziana	Kurtziana cacheutensis	Gymnospermopsida	Cycadales	Zamiaceae	Paso Flores	LPPB 12250	leaf	Rhaetian	Morel et al. 1992
Pseudoctenis	Pseudoctenis carteriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	LPPB 12534	leaf	Rhaetian	Ganuza et al. 1995
Pseudoctenis	Pseudoctenis carteriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	LPPB 13118	leaf	Rhaetian	Morel et al. 1999
Pseudoctenis	Pseudoctenis carteriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	LPPB 13069	leaf	Rhaetian	Morel et al. 1999
Pseudoctenis	Pseudoctenis carteriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	MFC-PBPH 054c	leaf	Rhaetian	Gnaedinger and Zavattieri 2017
Pseudoctenis	Pseudoctenis carteriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	LPPB 12241	leaf	Rhaetian	Morel et al. 1992
Pseudoctenis	Pseudoctenis carteriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	LPPB 12242	leaf	Rhaetian	Morel et al. 1992
Pseudoctenis	Pseudoctenis carteriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	LPPB 12243	leaf	Rhaetian	Morel et al. 1992
Pseudoctenis	Pseudoctenis carteriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	LPPB 12244	leaf	Rhaetian	Morel et al. 1992
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	LPPB 1569	leaf	Rhaetian	Morel et al. 1999
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	LPPB 13115	leaf	Rhaetian	Morel et al. 1999
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	LPPB 13117	leaf	Rhaetian	Morel et al. 1999
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	LPPB 13034	leaf	Rhaetian	Morel et al. 1999
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	LPPB 13045	leaf	Rhaetian	Morel et al. 1999
Pseudoctenis	Pseudoctenis falconeriana	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	MFC-PBPH 056	leaf	Rhaetian	Gnaedinger and Zavattieri 2017
Pseudoctenis	Pseudoctenis spatulata	Gymnospermopsida	Cycadales	Cycadales i.s.	Paso Flores	MFC-PBPH 071	leaf	Rhaetian	Gnaedinger and Zavattieri 2017
Taeniopteris	Taeniopteris crassinervis	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Paso Flores	MFC-PBPH 190	leaf	Rhaetian	Gnaedinger and Zavattieri 2017
Taeniopteris	Taeniopteris crassinervis	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Paso Flores	MFC-PBPH 196	leaf	Rhaetian	Gnaedinger and Zavattieri 2017
Taeniopteris	Taeniopteris lenticuliformis	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Paso Flores	LPPB 12535a	leaf	Rhaetian	Ganuza et al. 1995
Taeniopteris	Taeniopteris lenticuliformis	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Paso Flores	LPPB 12535b	leaf	Rhaetian	Ganuza et al. 1995
Taeniopteris	Taeniopteris lenticuliformis	Gymnospermopsida	Cycadophyta i.s.	Cycadophyta i.s.	Paso Flores	LPPB 13071	leaf	Rhaetian	Morel et al. 1999
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Paso Flores	LPPB 1625	leaf	Rhaetian	Morel et al. 1999
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Paso Flores	LPPB 1628	leaf	Rhaetian	Morel et al. 1999
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Paso Flores	LPPB 1630	leaf	Rhaetian	Morel et al. 1999
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Paso Flores	LPPB 1533	leaf	Rhaetian	Morel et al. 1999
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Paso Flores	LPPB 1546	leaf	Rhaetian	Morel et al. 1999
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Paso Flores	LPPB 1565	leaf	Rhaetian	Morel et al. 1999
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Paso Flores	LPPB 1571	leaf	Rhaetian	Morel et al. 1999
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Paso Flores	LPPB 1629	leaf	Rhaetian	Morel et al. 1999
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Paso Flores	LPPB 9608	leaf	Rhaetian	Morel et al. 1999
Baiera	Baiera africana	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	Paso Flores	LPPB 13031	leaf	Rhaetian	Morel et al. 1999





Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Paso Flores	LPPB 1604	leaf	Rhaetian	Morel et al. 1999
Heidiphyllum	Heidiphyllum elongatum	Gymnospermopsida	Voltziales	Voltziaceae	Paso Flores	LPPB 13035	leaf	Rhaetian	Morel et al. 1999
Lutanthus	Lutanthus ornatus	Gymnospermopsida	Voltziales	Voltziaceae	Paso Flores	MFC-PNPH 120a	pollen organ	Rhaetian	Gnaedinger and Zavattieri 2017
Rissikia	Rissikia media	Gymnospermopsida	Coniferales	Podocarpaceae	Paso Flores	MFC-PBPH 048b	leafy shoot	Rhaetian	Gnaedinger and Zavattieri 2017
Rissikia	Rissikia media	Gymnospermopsida	Coniferales	Podocarpaceae	Paso Flores	MFC-PBPH 089a	leafy shoot	Rhaetian	Gnaedinger and Zavattieri 2017
Rissikia	Rissikia media	Gymnospermopsida	Coniferales	Podocarpaceae	Paso Flores	MFC-PBPH 089e	leafy shoot	Rhaetian	Gnaedinger and Zavattieri 2017
Rissikiostrobus	Rissikiostrobus reductus	Gymnospermopsida	Coniferales	Podocarpaceae	Paso Flores	MFC-PBPH 089f	ovulate organ	Rhaetian	Gnaedinger and Zavattieri 2017
Rissikiostrobus	Rissikiostrobus plenus	Gymnospermopsida	Coniferales	Podocarpaceae	Paso Flores	MFC-PBPH 089b	ovulate organ	Rhaetian	Gnaedinger and Zavattieri 2017
Rissikiostrobus	Rissikiostrobus plenus	Gymnospermopsida	Coniferales	Podocarpaceae	Paso Flores	MFC-PBPH 089c	ovulate organ	Rhaetian	Gnaedinger and Zavattieri 2017
Rissikiostrobus	Rissikiostrobus plenus	Gymnospermopsida	Coniferales	Podocarpaceae	Paso Flores	MFC-PBPH 089d	ovulate organ	Rhaetian	Gnaedinger and Zavattieri 2017
Rissikiostrobus	Rissikiostrobus plenus	Gymnospermopsida	Coniferales	Podocarpaceae	Paso Flores	MFC-PNPH 102c	ovulate organ	Rhaetian	Gnaedinger and Zavattieri 2017
Rissikiostrobus	Rissikiostrobus plenus	Gymnospermopsida	Coniferales	Podocarpaceae	Paso Flores	MFC-PNPH 418a	ovulate organ	Rhaetian	Gnaedinger and Zavattieri 2017
Rissikiostrobus	Rissikiostrobus plenus	Gymnospermopsida	Coniferales	Podocarpaceae	Paso Flores	MFC-PNPH 418b	ovulate organ	Rhaetian	Gnaedinger and Zavattieri 2017
Rissikiostrobus	Rissikiostrobus plenus	Gymnospermopsida	Coniferales	Podocarpaceae	Paso Flores	MFC-PNPH 418c	ovulate organ	Rhaetian	Gnaedinger and Zavattieri 2017
Rissikiostrobus	Rissikiostrobus plenus	Gymnospermopsida	Coniferales	Podocarpaceae	Paso Flores	MFC-PNPH 418d	ovulate organ	Rhaetian	Gnaedinger and Zavattieri 2017
Rissikiostrobus	Rissikiostrobus plenus	Gymnospermopsida	Coniferales	Podocarpaceae	Paso Flores	MFC-PNPH 418e	ovulate organ	Rhaetian	Gnaedinger and Zavattieri 2017
Rissikiostrobus	Rissikiostrobus plenus	Gymnospermopsida	Coniferales	Podocarpaceae	Paso Flores	MFC-PNPH 418f	ovulate organ	Rhaetian	Gnaedinger and Zavattieri 2017
Protocircoporoxylon	Protocircoporoxylon marianensis	Gymnospermopsida	Coniferophytes i.s.	Coniferophytes i.s.	Paso Flores	LPPB 12546	wood	Rhaetian	Zamuner et Artabe 1994
Protocircoporoxylon	Protocircoporoxylon marianensis	Gymnospermopsida	Coniferophytes i.s.	Coniferophytes i.s.	Paso Flores	LPPB 12547	wood	Rhaetian	Zamuner et Artabe 1994
Fraxinopsis	Fraxinopsis andium	Gymnospermopsida	Gnetales	Gnetales i.s.	Paso Flores	LPPB 12538a	seed	Rhaetian	Ganuza et al. 1995
Fraxinopsis	Fraxinopsis major	Gymnospermopsida	Gnetales	Gnetales i.s.	Paso Flores	LPPB 12538b	seed	Rhaetian	Ganuza et al. 1995
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Paso Flores	MFC-PBPH 064	leaf	Rhaetian	Gnaedinger and Zavattieri 2017
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Paso Flores	MFC-PBPH 086	leaf	Rhaetian	Gnaedinger and Zavattieri 2017
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Paso Flores	MFC-PBPH 092	leaf	Rhaetian	Gnaedinger and Zavattieri 2017
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Paso Flores	MFC-PBPH 171a	leaf	Rhaetian	Gnaedinger and Zavattieri 2017
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Paso Flores	MFC-PBPH 174a-b	leaf	Rhaetian	Gnaedinger and Zavattieri 2017
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Paso Flores	MFC-PBPH 175a	leaf	Rhaetian	Gnaedinger and Zavattieri 2017
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Paso Flores	MFC-PBPH 179	leaf	Rhaetian	Gnaedinger and Zavattieri 2017
Yabeiella	Yabeiella brackebuschiana	Gymnospermopsida	Gnetales	Gnetales i.s.	Paso Flores	MFC-PBPH 198	leaf	Rhaetian	Gnaedinger and Zavattieri 2017
Linguifolium	Linguifolium lilleanum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 12539	leaf	Rhaetian	Ganuza et al. 1995
Linguifolium	Linguifolium lilleanum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 12540	leaf	Rhaetian	Ganuza et al. 1995
Linguifolium	Linguifolium lilleanum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 12541	leaf	Rhaetian	Ganuza et al. 1995
Linguifolium	Linguifolium lilleanum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 12542	leaf	Rhaetian	Ganuza et al. 1995
Linguifolium	Linguifolium lilleanum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 12543	leaf	Rhaetian	Ganuza et al. 1995
Linguifolium	Linguifolium lilleanum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 12544	leaf	Rhaetian	Ganuza et al. 1995
Linguifolium	Linguifolium tenison-woodsii	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 13072	leaf	Rhaetian	Morel et al. 1999
Linguifolium	Linguifolium tenison-woodsii	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 13073	leaf	Rhaetian	Morel et al. 1999
Linguifolium	Linguifolium arctum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 13074	leaf	Rhaetian	Morel et al. 1999
Linguifolium	Linguifolium arctum	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 13075	leaf	Rhaetian	Morel et al. 1999
Cordaicarpus	Cordaicarpus sp.	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 12513	leaf	Rhaetian	Artabe et al. 1994

Cordaicarpus	Cordaicarpus sp.	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 12545	leaf	Rhaetian	Ganuza et al. 1995
Cordaicarpus	Cordaicarpus sp.	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 1621	leaf	Rhaetian	Morel et al. 1999
Cordaicarpus	Cordaicarpus sp.	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 1623	leaf	Rhaetian	Morel et al. 1999
Cordaicarpus	Cordaicarpus sp.	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 1631	leaf	Rhaetian	Morel et al. 1999
Cordaicarpus	Cordaicarpus sp.	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Paso Flores	LPPB 13037	leaf	Rhaetian	Morel et al. 1999
Scleropteris	Scleropteris grandis	Gymnospermopsida	Tracheophytes i.s.	Tracheophytes i.s.	Paso Flores	LPPB 12499	leaf	Rhaetian	Artabe et al. 1994
Scleropteris	Scleropteris grandis	Gymnospermopsida	Tracheophytes i.s.	Tracheophytes i.s.	Paso Flores	LPPB 12500	leaf	Rhaetian	Artabe et al. 1994
Scleropteris	Scleropteris grandis	Gymnospermopsida	Tracheophytes i.s.	Tracheophytes i.s.	Paso Flores	LPPB 12501	leaf	Rhaetian	Artabe et al. 1994
Scleropteris	Scleropteris grandis	Gymnospermopsida	Tracheophytes i.s.	Tracheophytes i.s.	Paso Flores	LPPB 12502	leaf	Rhaetian	Artabe et al. 1994
Scleropteris	Scleropteris grandis	Gymnospermopsida	Tracheophytes i.s.	Tracheophytes i.s.	Paso Flores	LPPB 12503	leaf	Rhaetian	Artabe et al. 1994
Scleropteris	Scleropteris grandis	Gymnospermopsida	Tracheophytes i.s.	Tracheophytes i.s.	Paso Flores	LPPB 12504	leaf	Rhaetian	Artabe et al. 1994
Scleropteris	Scleropteris grandis	Gymnospermopsida	Tracheophytes i.s.	Tracheophytes i.s.	Paso Flores	LPPB 12505	leaf	Rhaetian	Artabe et al. 1994
Scleropteris	Scleropteris grandis	Gymnospermopsida	Tracheophytes i.s.	Tracheophytes i.s.	Paso Flores	LPPB 1619	leaf	Rhaetian	Morel et al. 1999
Telemachus	Telemachus elongatus	Gymnospermopsida	Voltziales	Voltziaceae	Lapa	LPPB 12252_r	ovulate organ	Rhaetian	Spalletti et al. 1991 RAGA
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Lapa	LPPB 12291_r	leafy shoot	Rhaetian	Spalletti et al. 1991 RAGA
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Lapa	LPPB 12292_r	leafy shoot	Rhaetian	Spalletti et al. 1991 RAGA
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Lapa	LPPB 12293_r	leafy shoot	Rhaetian	Spalletti et al. 1991 RAGA
Rhexoxylon	Rhexoxylon piatnitzkyi	Gymnospermopsida	Corystospermales	Corystospermaceae	Santo Domingo	LPPB 13133a_r	trunk	Rhaetian	Caminos et al. 1995
Rhexoxylon	Rhexoxylon piatnitzkyi	Gymnospermopsida	Corystospermales	Corystospermaceae	Santo Domingo	LPPB 15014_r	trunk	Rhaetian	Caminos et al. 1995
Taxaceoxylon	Taxaceoxylon sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Santo Domingo	LPPB 13134_r	wood	Rhaetian	Caminos et al. 1995
Telemachus	Telemachus elongatus	Gymnospermopsida	Voltziales	Voltziaceae	Lapa	LPPB 12252_H	ovulate organ	Hettangian	Spalletti et al. 1991
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Lapa	LPPB 12291_H	leafy shoot	Hettangian	Spalletti et al. 1991
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Lapa	LPPB 12292_H	leafy shoot	Hettangian	Spalletti et al. 1991
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Lapa	LPPB 12293_H	leafy shoot	Hettangian	Spalletti et al. 1991
Rhexoxylon	Rhexoxylon piatnitzkyi	Gymnospermopsida	Corystospermales	Corystospermaceae	Santo Domingo	LPPB 13133a_H	trunk	Hettangian	Caminos et al. 1995
Rhexoxylon	Rhexoxylon piatnitzkyi	Gymnospermopsida	Corystospermales	Corystospermaceae	Santo Domingo	LPPB 15014_H	trunk	Hettangian	Caminos et al. 1995
Taxaceoxylon	Taxaceoxylon sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Santo Domingo	LPPB 13134_H	wood	Hettangian	Caminos et al. 1995
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	LPPB 13540_H	stem	Hettangian	Spalletti et al. 2007
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	LPPB 13541_H	stem	Hettangian	Spalletti et al. 2007
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	LPPB 13542_H	stem	Hettangian	Spalletti et al. 2007
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	LPPB 1954_b_H	stem	Hettangian	Artabe et al. 2005
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	LPPB 1959_H	stem	Hettangian	Artabe et al. 2005
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	LIL-PB 3250	stem	Hettangian	Herbst 1964a
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	LIL-PB 3251	stem	Hettangian	Herbst 1964a
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	LIL-PB 3252	stem	Hettangian	Herbst 1964a
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	LIL-PB 3253	stem	Hettangian	Herbst 1964a
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	LIL-PB 3254	stem	Hettangian	Herbst 1964a
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	LIL-PB 3255	stem	Hettangian	Herbst 1964a
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	CORD-PB 375	stem	Hettangian	Herbst 1964a
Neocalamites	Neocalamites carrerrei	Equisetopsida	Equisetales	Neocalamitaceae	El Freno	CORD-PB 355	stem	Hettangian	Herbst 1964a































Equisetites	Equisetites frenguelli	Equisetopsida	Equisetales	Equisetaceae	Nestares	LPPB 13878	stem	Sinemurian	Morel et al. 2013
Equisetites	Equisetites frenguelli	Equisetopsida	Equisetales	Equisetaceae	Nestares	LPPB 13879	stem	Sinemurian	Morel et al. 2013
Equisetites	Equisetites frenguelli	Equisetopsida	Equisetales	Equisetaceae	Nestares	LPPB 13880	stem	Sinemurian	Morel et al. 2013
Equisetites	Equisetites frenguelli	Equisetopsida	Equisetales	Equisetaceae	Nestares	LPPB 13881	stem	Sinemurian	Morel et al. 2013
Equisetites	Equisetites frenguelli	Equisetopsida	Equisetales	Equisetaceae	Nestares	LPPB 13919	stem	Sinemurian	Morel et al. 2013
Equisetites	Equisetites patagonica	Equisetopsida	Equisetales	Equisetaceae	Nestares	MAPBAR 5924	stem	Sinemurian	Sagasti et al. 2019
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Nestares	LPPB 13922	stem	Sinemurian	Morel et al. 2013
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Nestares	LPPB 13923	stem	Sinemurian	Morel et al. 2013
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Nestares	LPPB 13924	stem	Sinemurian	Morel et al. 2013
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Nestares	LPPB 13925	stem	Sinemurian	Morel et al. 2013
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Nestares	LPPB 11532	stem	Sinemurian	Morel et al. 2013
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Nestares	LPPB 11533	stem	Sinemurian	Morel et al. 2013
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Nestares	LPPB 11534	stem	Sinemurian	Morel et al. 2013
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Nestares	MFC-PBPH 167	stem	Sinemurian	Gnaedinger and Zavattieri 2017
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Nestares	MFC-PBPH 181	stem	Sinemurian	Gnaedinger and Zavattieri 2017
Neocalamites	Neocalamites carrerei	Equisetopsida	Equisetales	Neocalamitaceae	Nestares	MFC-PBPH 191	stem	Sinemurian	Gnaedinger and Zavattieri 2017
Neocalamites	Neocalamites suberosus	Equisetopsida	Equisetales	Neocalamitaceae	Nestares	MAPBAR 346	stem	Sinemurian	Sagasti et al. 2019
Marattiopsis	Marattiopsis muensteri	Marattiopsida	Marattiales	Marattiaceae	Nestares	LPPB 13926	leaf	Sinemurian	Morel et al. 2013
Marattiopsis	Marattiopsis muensteri	Marattiopsida	Marattiales	Marattiaceae	Nestares	LPPB 13927	leaf	Sinemurian	Morel et al. 2013
Marattiopsis	Marattiopsis muensteri	Marattiopsida	Marattiales	Marattiaceae	Nestares	LPPB 11507e	leaf	Sinemurian	Arrondo and Petriella 1980
Marattiopsis	Marattiopsis muensteri	Marattiopsida	Marattiales	Marattiaceae	Nestares	LPPB 11516	leaf	Sinemurian	Morel et al. 2013
Cladophlebis	Cladophlebis antarctica	Polypodiopsida	Osmundales	Osmundaceae	Nestares	MAPBAR 351	leaf	Sinemurian	Sagasti et al. 2019
Cladophlebis	Cladophlebis antarctica	Polypodiopsida	Osmundales	Osmundaceae	Nestares	MAPBAR 372	leaf	Sinemurian	Sagasti et al. 2019
Cladophlebis	Cladophlebis mendozaensis	Polypodiopsida	Osmundales	Osmundaceae	Nestares	MFC-PBPH 123	leaf	Sinemurian	Gnaedinger and Zavattieri 2017
Cladophlebis	Cladophlebis mendozaensis	Polypodiopsida	Osmundales	Osmundaceae	Nestares	LPPB 11507a	leaf	Sinemurian	Arrondo and Petriella 1980
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Nestares	MFC-PBPH 022	leaf	Sinemurian	Gnaedinger and Zavattieri 2017
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Nestares	MFC-PBPH 012	leaf	Sinemurian	Gnaedinger and Zavattieri 2017
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Nestares	MFC-PBPH 187	leaf	Sinemurian	Gnaedinger and Zavattieri 2017
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Nestares	MFC-PBPH 195	leaf	Sinemurian	Gnaedinger and Zavattieri 2017
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Nestares	LPPB 11515	leaf	Sinemurian	Arrondo and Petriella 1980
Osmundopsis	Osmundopsis rafaeli	Polypodiopsida	Osmundales	Osmundaceae	Nestares	MAPBAR 462	fertile leaf	Sinemurian	Sagasti et al. 2019
Todites	Todites cacereii	Polypodiopsida	Osmundales	Osmundaceae	Nestares	MAPBAR 5905	fertile leaf	Sinemurian	Sagasti et al. 2019
Gleicheniaceaphyllum	Gleicheniaceaphyllum san-martini	Polypodiopsida	Gleicheniales	Gleicheniaceae	Nestares	LIL-PB 666a	leaf	Sinemurian	Herbst 1966c
Gleicheniaceaphyllum	Gleicheniaceaphyllum san-martini	Polypodiopsida	Gleicheniales	Gleicheniaceae	Nestares	LPPB 11531	leaf	Sinemurian	Arrondo and Petriella 1980
Gleichenites	Gleichenites sp.	Polypodiopsida	Gleicheniales	Gleicheniaceae	Nestares	LPPB 11530	leaf	Sinemurian	Arrondo and Petriella 1980
Dictyophyllum	Dictyophyllum sp. 2	Polypodiopsida	Gleicheniales	Dipteridaceae	Nestares	MAPBAR 1901	leaf	Sinemurian	Sagasti et al. 2019
Goepfertella	Goepfertella diazii	Polypodiopsida	Gleicheniales	Dipteridaceae	Nestares	LPPB 13928	leaf	Sinemurian	Morel et al. 2013
Goepfertella	Goepfertella diazii	Polypodiopsida	Gleicheniales	Dipteridaceae	Nestares	LPPB 13929	leaf	Sinemurian	Morel et al. 2013
Goepfertella	Goepfertella diazii	Polypodiopsida	Gleicheniales	Dipteridaceae	Nestares	LPPB 13930	leaf	Sinemurian	Morel et al. 2013
Goepfertella	Goepfertella diazii	Polypodiopsida	Gleicheniales	Dipteridaceae	Nestares	LPPB 11518	leaf	Sinemurian	Morel et al. 2013













Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13892	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13893	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13894	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13896	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13902	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13907	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13909	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13913	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13982	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13983	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13984	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13985	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13986	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13987	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13988	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13989	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13990	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13991	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 13992	leafy shoot	Sinemurian	Morel et al. 2013
Elatocladus	Elatocladus conferta	Gymnospermopsida	Coniferales	Coniferales i.s.	Nestares	LPPB 11535	leafy shoot	Sinemurian	Morel et al. 2013
Scleropteris	Scleropteris grandis	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Nestares	MAPBAR 345	leaf	Sinemurian	Sagasti et al. 2019
Scleropteris	Scleropteris vincei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Nestares	LPPB 11538	leaf	Sinemurian	Arrondo and Petriella 1980
Cupressinoxylon	Cupressinoxylon sp.	Gymnospermopsida	Coniferales	Cupressaceae	Cerro Piche	MAPBAR 5504	wood	Sinemurian	Bodnar and Falco 2018
Cupressinoxylon	Cupressinoxylon sp.	Gymnospermopsida	Coniferales	Cupressaceae	Cerro Piche	MAPBAR 5505	wood	Sinemurian	Bodnar and Falco 2018
Cupressinoxylon	Cupressinoxylon sp.	Gymnospermopsida	Coniferales	Cupressaceae	Cerro Piche	MAPBAR 5506	wood	Sinemurian	Bodnar and Falco 2018
Cupressinoxylon	Cupressinoxylon sp.	Gymnospermopsida	Coniferales	Cupressaceae	Cerro Piche	MAPBAR 5507	wood	Sinemurian	Bodnar and Falco 2018
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	beta LPPB 13540_H	stem	Sinemurian	Spalletti et al. 2007
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	beta LPPB 13541_H	stem	Sinemurian	Spalletti et al. 2007
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	beta LPPB 13542_H	stem	Sinemurian	Spalletti et al. 2007
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	beta LPPB 1954_b_H	stem	Sinemurian	Artabe et al. 2005
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	beta LPPB 1959_H	stem	Sinemurian	Artabe et al. 2005
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	beta LIL-PB 3250	stem	Sinemurian	Herbst 1964a
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	beta LIL-PB 3251	stem	Sinemurian	Herbst 1964a
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	beta LIL-PB 3252	stem	Sinemurian	Herbst 1964a
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	beta LIL-PB 3253	stem	Sinemurian	Herbst 1964a
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	beta LIL-PB 3254	stem	Sinemurian	Herbst 1964a
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	beta LIL-PB 3255	stem	Sinemurian	Herbst 1964a
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	El Freno	beta CORD-PB 375	stem	Sinemurian	Herbst 1964a
Neocalamites	Neocalamites carrerrei	Equisetopsida	Equisetales	Neocalamitaceae	El Freno	beta CORD-PB 355	stem	Sinemurian	Herbst 1964a
Neocalamites	Neocalamites carrerrei	Equisetopsida	Equisetales	Neocalamitaceae	El Freno	beta CORD-PB 364	stem	Sinemurian	Herbst 1964a







































































































































































Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 1903_pli	ovulate cone	Pliensbachian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 1908_pli	ovulate cone	Pliensbachian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 2088_pli	ovulate cone	Pliensbachian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 2145_pli	ovulate cone	Pliensbachian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 2163_pli	ovulate cone	Pliensbachian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 8901_pli	ovulate cone	Pliensbachian	Escapa and Leslie 2017
Desmiophyllum	Desmiophyllum sp.	Gymnospermopsida	Coniferophytes i.s.	Coniferophytes i.s.	Lonco Trapial	LPPB 437d_pli	leaf	Pliensbachian	Herbst 1964b
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	PB-CTES 66_pli	leaf	Pliensbachian	Herbst and Anzotegui 1968
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	PB-CTES 100_pli	leaf	Pliensbachian	Herbst and Anzotegui 1968
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	PB-CTES 101_pli	leaf	Pliensbachian	Herbst and Anzotegui 1968
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	PB-CTES 103_pli	leaf	Pliensbachian	Herbst and Anzotegui 1968
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	PB-CTES 104_pli	leaf	Pliensbachian	Herbst and Anzotegui 1968
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	PB-CTES 105_pli	leaf	Pliensbachian	Herbst and Anzotegui 1968
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	BA Pb 7794_pli	leaf	Pliensbachian	Bonetti 1963
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	BA Pb 7795_pli	leaf	Pliensbachian	Bonetti 1963
Sphenopteris	Sphenopteris sp.	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	MPEF-PB 2089a_pli	leaf	Pliensbachian	Escapa et al. 2022
Sphenopteris	Sphenopteris sp.	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	LPPB 455A_pli	leaf	Pliensbachian	Herbst 1964b
Sphenopteris	Sphenopteris sp.	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	LPPB 455b_pli	leaf	Pliensbachian	Herbst 1964b
Sphenopteris	Sphenopteris sp.	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	LPPB 439_pli	leaf	Pliensbachian	Herbst 1964b
Scleropteris	Scleropteris vincei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	LPPB 9365_pli	leaf	Pliensbachian	Herbst 1966b
Scleropteris	Scleropteris vincei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	LPPB 9366b_pli	leaf	Pliensbachian	Herbst 1966b
Scleropteris	Scleropteris vincei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	LPPB 9362a_pli	leaf	Pliensbachian	Herbst 1966b
Scleropteris	Scleropteris vincei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	LIL-PB 5532_pli	leaf	Pliensbachian	Herbst 1966b
Carpolithus	Carpolithus sp.	Gymnospermopsida	Gymnospermae i.s.	Gymnospermae i.s.	Lonco Trapial	BA Pb 7784_pli	seed	Pliensbachian	Bonetti 1963
Feruglloa	?Feruglloa sp.	Gymnospermopsida	Gymnospermae i.s.	Gymnospermae i.s.	Lonco Trapial	BA Pb 7785_pli	seed	Pliensbachian	Bonetti 1963
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Rancho de Lata sup	BA Pb 11151_Sin	stem	Sinemurian	Herbst 1978
Cladophlebis	Cladophlebis kurtzi	Polypodiopsida	Osmundales	Osmundaceae	Rancho de Lata sup	BA Pb 11155A_Sin	sterile leaf	Sinemurian	Herbst 1978
Cladophlebis	Cladophlebis kurtzi	Polypodiopsida	Osmundales	Osmundaceae	Rancho de Lata sup	BA Pb 11155B_Sin	sterile leaf	Sinemurian	Herbst 1978
Cladophlebis	Cladophlebis kurtzi	Polypodiopsida	Osmundales	Osmundaceae	Rancho de Lata sup	BA Pb 11156_Sin	sterile leaf	Sinemurian	Herbst 1978
Cladophlebis	Cladophlebis kurtzi	Polypodiopsida	Osmundales	Osmundaceae	Rancho de Lata sup	BA Pb 11157A_Sin	sterile leaf	Sinemurian	Herbst 1978
Cladophlebis	Cladophlebis kurtzi	Polypodiopsida	Osmundales	Osmundaceae	Rancho de Lata sup	BA Pb 11157b_Sin	sterile leaf	Sinemurian	Herbst 1978
Cladophlebis	Cladophlebis kurtzi	Polypodiopsida	Osmundales	Osmundaceae	Rancho de Lata sup	BA Pb 11157C_Sin	sterile leaf	Sinemurian	Herbst 1978
Pachypteris	Pachypteris sanjuanina	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	Rancho de Lata sup	BA Pb 11148A_Sin	leaf	Sinemurian	Herbst 1978
Pachypteris	Pachypteris sanjuanina	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	Rancho de Lata sup	BA Pb 11148B_Sin	leaf	Sinemurian	Herbst 1978
Pachypteris	Pachypteris sanjuanina	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	Rancho de Lata sup	BA Pb 11148C_Sin	leaf	Sinemurian	Herbst 1978
Pachypteris	Pachypteris sanjuanina	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	Rancho de Lata sup	BA Pb 11148D_Sin	leaf	Sinemurian	Herbst 1978
Pachypteris	Pachypteris sanjuanina	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	Rancho de Lata sup	BA Pb 11148E_Sin	leaf	Sinemurian	Herbst 1978
Pachypteris	Pachypteris sanjuanina	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	Rancho de Lata sup	BA Pb 11150A_Sin	leaf	Sinemurian	Herbst 1978
Pachypteris	Pachypteris sanjuanina	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	Rancho de Lata sup	BA Pb 11150B_Sin	leaf	Sinemurian	Herbst 1978
Pachypteris	Pachypteris sanjuanina	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	Rancho de Lata sup	BA Pb 11150C_Sin	leaf	Sinemurian	Herbst 1978































Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Roca Blanca	LIL-PB 3090A_t	leafy shoot	Toarcian	Herbst 1965
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Roca Blanca	LIL-PB 3092A_t	leafy shoot	Toarcian	Herbst 1965
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Roca Blanca	LIL-PB 3099A_t	leafy shoot	Toarcian	Herbst 1965
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Roca Blanca	LIL-PB 3101B_t	leafy shoot	Toarcian	Herbst 1965
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Roca Blanca	LIL-PB 3140_t	leafy shoot	Toarcian	Herbst 1965
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Roca Blanca	LIL-PB 3144B_t	leafy shoot	Toarcian	Herbst 1965
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Roca Blanca	LIL-PB 3145B_t	leafy shoot	Toarcian	Herbst 1965
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Roca Blanca	LIL-PB 3146B_t	leafy shoot	Toarcian	Herbst 1965
Prototaxoxylon	Prototaxoxylon pintadense	Gymnospermopsida	Coniferales	Coniferales i.s.	Roca Blanca	PMPPB 2447_t	wood	Toarcian	Gnaedinger and Herbst 2009
Prototaxoxylon	Prototaxoxylon pintadense	Gymnospermopsida	Coniferales	Coniferales i.s.	Roca Blanca	CTESPB 2222_t	wood	Toarcian	Gnaedinger and Herbst 2009
Archangelskyoxylon	Archangelskyoxylon carlquistii	Gymnospermopsida	Gnetales	Gnetales i.s.	Roca Blanca	MPMPB 2456_t	wood	Toarcian	Brea et al. 2023
Archangelskyoxylon	Archangelskyoxylon carlquistii	Gymnospermopsida	Gnetales	Gnetales i.s.	Roca Blanca	CTESPB 2235_t	wood	Toarcian	Brea et al. 2023
Archangelskyoxylon	Archangelskyoxylon carlquistii	Gymnospermopsida	Gnetales	Gnetales i.s.	Roca Blanca	CTESPB 6523_t	wood	Toarcian	Brea et al. 2023
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Canadón Asfalto	MEF-Pb 2008_t	stem	Toarcian	Figari et al. 2015
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Canadón Asfalto	CIRGEO PB 652_t	stem	Toarcian	Cortes y Baldoni 1984
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Canadón Asfalto	LPPB sn 1_t	stem	Toarcian	Freguelli 1949
Cladophlebis	Cladophlebis grahami	Polyodiopsida	Osmundales	Osmundaceae	Canadón Asfalto	LPPB sn 2_t	sterile leaf	Toarcian	Freguelli 1949
Cladophlebis	Cladophlebis oblonga	Polyodiopsida	Osmundales	Osmundaceae	Canadón Asfalto	CIRGEO PB 654_t	sterile leaf	Toarcian	Cortes and Baldoni 1984
Gleichenites	Gleichenites taquetrensis	Polyodiopsida	Gleicheniales	Gleicheniaceae	Canadón Asfalto	CIRGEO PB 651_t	sterile leaf	Toarcian	Cortes and Baldoni 1984
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3840_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3841_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3847_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3848_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3850_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3851_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3853_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3854_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3858_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3859_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3860_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3861_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3863_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3869_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3870_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3873_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3939_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3941_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3944_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3946_t	leaf	Toarcian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3947_t	leaf	Toarcian	Elgorriaga et al. 2019a

























Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2942_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2945_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2946_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2952_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2953_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2954_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2955_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2959_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2961_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2962_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2963_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2964_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2965_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2966_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2968_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2969_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2970_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2972_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 3877_t	leafy shoot+ovulate cc	Toarcian	Contreras et al. 2019
Brachyphyllum	Brachyphyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	MEF-Pb 1803_t	leafy shoot	Toarcian	Figari et al. 2015
Brachyphyllum	Brachyphyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	MEF-Pb 1647_t	leafy shoot	Toarcian	Figari et al. 2015
Brachyphyllum	Brachyphyllum lotenaense	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	MEF sn 1_t	leafy shoot	Toarcian	Escapa et al. 2022
Masculostrobus	Masculostrobus sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	MEF sn 3_t	pollen cone	Toarcian	Escapa et al. 2022
Pagiophyllum	Pagiophyllum feistmantelii	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	LPPB sn 9_t	leafy shoot	Toarcian	Freguelli 1949
Pagiophyllum	Pagiophyllum divaricatum	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	LPPB sn 6_t	leafy shoot	Toarcian	Freguelli 1949
Pelourdea	Yuccites sp. Pelourdea sp.	Gymnospermopsida	Gymnospermae i.s.	Gimnospermae i.s.	Canadón Asfalto	LPPB sn 10_t	leaf	Toarcian	Freguelli 1949
Sphenopteris	Sphenopteris sp.	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Canadón Asfalto	MEF sn 2_t	leaf	Toarcian	Escapa et al. 2022
Sphenopteris	Sphenopteris sp.	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Canadón Asfalto	MEF-Pb 2015_t	leaf	Toarcian	Figari et al. 2015
Sphenopteris	Sphenopteris hallei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Canadón Asfalto	LPPB sn 4_t	leaf	Toarcian	Freguelli 1949
Sphenopteris	Sphenopteris patagonica	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Canadón Asfalto	LPPB sn 3_t	leaf	Toarcian	Freguelli 1949
Equisetum	Equisetum sp.	Equisetopsida	Equisetales	Equisetaceae	Lonco Trapial	MPEF-PB 2058	stem	Toarcian	Escapa et al. 2022
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Lonco Trapial	LPPB 437d	stem	Toarcian	Herbst 1964b
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Lonco Trapial	LPPB 9334	stem	Toarcian	Herbst 1966c
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Lonco Trapial	LPPB 9335	stem	Toarcian	Herbst 1966c
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Lonco Trapial	CTES-PB 75	stem	Toarcian	Herbst and Anzotegui 1968
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Lonco Trapial	CTES-PB 90	stem	Toarcian	Herbst and Anzotegui 1968
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Lonco Trapial	CTES-PB 103	stem	Toarcian	Herbst and Anzotegui 1968
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Lonco Trapial	CTES-PB 110	stem	Toarcian	Herbst and Anzotegui 1968
Cladophlebis	Cladophlebis antarctica	Polypodiopsida	Osmundales	Osmundaceae	Lonco Trapial	BA Pb 7831	sterile leaf	Toarcian	Bonetti 1963
Cladophlebis	Cladophlebis denticulata	Polypodiopsida	Osmundales	Osmundaceae	Lonco Trapial	PB-CTES 69	sterile leaf	Toarcian	Herbst and Anzotegui 1968































Pagiophyllum	Pagiophyllum feistmantelii	Gymnospermopsida	Coniferales	Coniferales i.s.	Lonco Trapial	BA Pb 7840	leafy shoot	Toarcian	Bonetti 1963
Pagiophyllum	Pagiophyllum feistmantelii	Gymnospermopsida	Coniferales	Coniferales i.s.	Lonco Trapial	BA Pb 7841	leafy shoot	Toarcian	Bonetti 1963
Pagiophyllum	Pagiophyllum feistmantelii	Gymnospermopsida	Coniferales	Coniferales i.s.	Lonco Trapial	BA Pb 7842	leafy shoot	Toarcian	Bonetti 1963
Pagiophyllum	Pagiophyllum feistmantelii	Gymnospermopsida	Coniferales	Coniferales i.s.	Lonco Trapial	BA Pb 7843	leafy shoot	Toarcian	Bonetti 1963
Pagiophyllum	Pagiophyllum feistmantelii	Gymnospermopsida	Coniferales	Coniferales i.s.	Lonco Trapial	BA Pb 7844	leafy shoot	Toarcian	Bonetti 1963
Pagiophyllum	Pagiophyllum feistmantelii	Gymnospermopsida	Coniferales	Coniferales i.s.	Lonco Trapial	BA Pb 7845	leafy shoot	Toarcian	Bonetti 1963
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Lonco Trapial	LPPB 437c	leafy shoot	Toarcian	Herbst 1964b
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Lonco Trapial	LPPB 449b	leafy shoot	Toarcian	Herbst 1964b
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 1869	ovulate cone	Toarcian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 1884	ovulate cone	Toarcian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 1889	ovulate cone	Toarcian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 1893	ovulate cone	Toarcian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 1894	ovulate cone	Toarcian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 1903	ovulate cone	Toarcian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 1908	ovulate cone	Toarcian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 2088	ovulate cone	Toarcian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 2145	ovulate cone	Toarcian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 2163	ovulate cone	Toarcian	Escapa and Leslie 2017
Pararaucaria	Pararaucaria taquetrensis	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Lonco Trapial	MPEF-PB 8901	ovulate cone	Toarcian	Escapa and Leslie 2017
Desmiophyllum	Desmiophyllum sp.	Gymnospermopsida	Coniferophytes i.s.	Coniferophytes i.s.	Lonco Trapial	LPPB 437d	leaf	Toarcian	Herbst 1964b
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	PB-CTES 66	leaf	Toarcian	Herbst and Anzotegui 1968
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	PB-CTES 100	leaf	Toarcian	Herbst and Anzotegui 1968
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	PB-CTES 101	leaf	Toarcian	Herbst and Anzotegui 1968
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	PB-CTES 103	leaf	Toarcian	Herbst and Anzotegui 1968
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	PB-CTES 104	leaf	Toarcian	Herbst and Anzotegui 1968
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	PB-CTES 105	leaf	Toarcian	Herbst and Anzotegui 1968
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	BA Pb 7794	leaf	Toarcian	Bonetti 1963
Sphenopteris	Sphenopteris nordenskjöldii	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	BA Pb 7795	leaf	Toarcian	Bonetti 1963
Sphenopteris	Sphenopteris sp.	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	MPEF-PB 2089a	leaf	Toarcian	Escapa et al. 2022
Sphenopteris	Sphenopteris sp.	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	LPPB 455A	leaf	Toarcian	Herbst 1964b
Sphenopteris	Sphenopteris sp.	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	LPPB 455b	leaf	Toarcian	Herbst 1964b
Sphenopteris	Sphenopteris sp.	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	LPPB 439	leaf	Toarcian	Herbst 1964b
Scleropteris	Scleropteris vincei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	LPPB 9365	leaf	Toarcian	Herbst 1966b
Scleropteris	Scleropteris vincei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	LPPB 9366b	leaf	Toarcian	Herbst 1966b
Scleropteris	Scleropteris vincei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	LPPB 9362a	leaf	Toarcian	Herbst 1966b
Scleropteris	Scleropteris vincei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Lonco Trapial	LIL-PB 5532	leaf	Toarcian	Herbst 1966b
Carpolithus	Carpolithus sp.	Gymnospermopsida	Gymnospermae i.s.	Gymnospermae i.s.	Lonco Trapial	BA Pb 7784	seed	Toarcian	Bonetti 1963
Feruglloa	?Feruglloa sp.	Gymnospermopsida	Gymnospermae i.s.	Gymnospermae i.s.	Lonco Trapial	BA Pb 7785	seed	Toarcian	Bonetti 1963
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Canadón Asfalto	MEF-Pb 2008_a	stem	Aalenian	Figari et al. 2015
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Canadón Asfalto	CIRGEO PB 652_a	stem	Aalenian	Cortes and Baldoni 1984





























Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2969_a	leafy shoot+ovulate cc	Aalenian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2970_a	leafy shoot+ovulate cc	Aalenian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2972_a	leafy shoot+ovulate cc	Aalenian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 3877_a	leafy shoot+ovulate cc	Aalenian	Contreras et al. 2019
Brachyphyllum	Brachyphyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	MEF-Pb 1803_a	leafy shoot	Aalenian	Figari et al. 2015
Brachyphyllum	Brachyphyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	MEF-Pb 1647_a	leafy shoot	Aalenian	Figari et al. 2015
Brachyphyllum	Brachyphyllum lotenaense	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	MEF sn 1_a	leafy shoot	Aalenian	Escapa et al. 2022
Masculostrobus	Masculostrobus sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	MEF sn 3_a	pollen cone	Aalenian	Escapa et al. 2022
Pagiophyllum	Pagiophyllum feistmantelii	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	LPPB sn 9_a	leafy shoot	Aalenian	Freguelli 1949
Pagiophyllum	Pagiophyllum divaricatum	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	LPPB sn 6_a	leafy shoot	Aalenian	Freguelli 1949
Pelourdea	Yuccites sp. Pelourdea sp.	Gymnospermopsida	Gymnospermae i.s.	Gimmospermae i.s.	Canadón Asfalto	LPPB sn 10_a	leaf	Aalenian	Freguelli 1949
Sphenopteris	Sphenopteris sp.	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Canadón Asfalto	MEF sn 2_a	leaf	Aalenian	Escapa et al. 2022
Sphenopteris	Sphenopteris sp.	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Canadón Asfalto	MEF-Pb 2015_a	leaf	Aalenian	Figari et al. 2015
Sphenopteris	Sphenopteris hallei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Canadón Asfalto	LPPB sn 4_a	leaf	Aalenian	Freguelli 1949
Sphenopteris	Sphenopteris patagonica	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Canadón Asfalto	LPPB sn 3_a	leaf	Aalenian	Freguelli 1949
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Canadón Asfalto	MEF-Pb 2008_b	stem	Bajocian	Figari et al. 2015
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Canadón Asfalto	CIRGEO PB 652_b	stem	Bajocian	Cortes and Baldoni 1984
Equisetites	Equisetites sp.	Equisetopsida	Equisetales	Equisetaceae	Canadón Asfalto	LPPB sn 1_b	stem	Bajocian	Freguelli 1949
Cladophlebis	Cladophlebis grahami	Polypodiopsida	Osmundales	Osmundaceae	Canadón Asfalto	LPPB sn 2_b	sterile leaf	Bajocian	Freguelli 1949
Cladophlebis	Cladophlebis oblonga	Polypodiopsida	Osmundales	Osmundaceae	Canadón Asfalto	CIRGEO PB 654_b	sterile leaf	Bajocian	Cortes and Baldoni 1984
Gleichenites	Gleichenites taquetrensis	Polypodiopsida	Gleicheniales	Gleicheniaceae	Canadón Asfalto	CIRGEO PB 651_b	sterile leaf	Bajocian	Cortes and Baldoni 1984
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3840_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3841_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3847_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3848_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3850_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3851_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3853_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3854_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3858_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3859_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3860_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3861_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3863_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3869_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3870_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3873_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3939_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3941_b	leaf	Bajocian	Elgorriaga et al. 2019a
Lepidopteris	Lepidopteris scassoii	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Asfalto	MPEF-PB 3944_b	leaf	Bajocian	Elgorriaga et al. 2019a

























Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2940_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2941_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2942_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2945_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2946_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2952_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2953_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2954_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2955_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2959_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2961_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2962_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2963_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2964_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2965_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2966_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2968_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2969_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2970_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 2972_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Austrohamia	Austrohamia asfaltensis	Gymnospermopsida	Coniferales	Cupressaceae	Canadón Asfalto	MPEF-PB 3877_b	leafy shoot+ovulate c	Bajocian	Contreras et al. 2019
Brachyphyllum	Brachyphyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	MEF-Pb 1803_b	leafy shoot	Bajocian	Figari et al. 2015
Brachyphyllum	Brachyphyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	MEF-Pb 1647_b	leafy shoot	Bajocian	Figari et al. 2015
Brachyphyllum	Brachyphyllum lotenaense	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	MEF sn 1_b	leafy shoot	Bajocian	Escapa et al. 2022
Masculostrobus	Masculostrobus sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	MEF sn 3_b	pollen cone	Bajocian	Escapa et al. 2022
Pagiophyllum	Pagiophyllum feistmantelii	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	LPPB sn 9_b	leafy shoot	Bajocian	Freguelli 1949
Pagiophyllum	Pagiophyllum divaricatum	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Asfalto	LPPB sn 6_b	leafy shoot	Bajocian	Freguelli 1949
Pelourdea	Yuccites sp. Pelourdea sp.	Gymnospermopsida	Gymnospermae i.s.	Gimnospermae i.s.	Canadón Asfalto	LPPB sn 10_b	leaf	Bajocian	Freguelli 1949
Sphenopteris	Sphenopteris sp.	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Canadón Asfalto	MEF sn 2_b	leaf	Bajocian	Escapa et al. 2022
Sphenopteris	Sphenopteris sp.	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Canadón Asfalto	MEF-Pb 2015_b	leaf	Bajocian	Figari et al. 2015
Sphenopteris	Sphenopteris hallei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Canadón Asfalto	LPPB sn 4_b	leaf	Bajocian	Freguelli 1949
Sphenopteris	Sphenopteris patagonica	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Canadón Asfalto	LPPB sn 3_b	leaf	Bajocian	Freguelli 1949
Isoetites	Isoetites sp.	Lycopsidea	Isoetales	Isoetaceae	La Matilde	S/N15_bat	whole plant	Bathonian	Coturel et al. 2023
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13678_bat	stem+strobilus	Bathonian	Falaschi et al. 2009
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13680_bat	stem+strobilus	Bathonian	Falaschi et al. 2009
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13681_bat	stem+strobilus	Bathonian	Falaschi et al. 2009
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13682_bat	stem+strobilus	Bathonian	Falaschi et al. 2009
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13683_bat	stem+strobilus	Bathonian	Falaschi et al. 2009
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13684_bat	stem+strobilus	Bathonian	Falaschi et al. 2009
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13685_bat	stem+strobilus	Bathonian	Falaschi et al. 2009



Millerocalis	Millerocalis zamunerae	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	MPM-PB 15824_bat	stem	Bathonian	Sagasti et al. 2018
Millerocalis	Millerocalis zamunerae	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	MPM-PB 15825_bat	stem	Bathonian	Sagasti et al. 2018
Millerocalis	Millerocalis zamunerae	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	MPM-PB 15826_bat	stem	Bathonian	Sagasti et al. 2018
Millerocalis	Millerocalis zamunerae	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	MPM-PB 15827_bat	stem	Bathonian	Sagasti et al. 2018
Millerocalis	Millerocalis zamunerae	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	MPM-PB 15828_bat	stem	Bathonian	Sagasti et al. 2018
Osmundacaulis	Osmundacaulis tehuelchense	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	s/n16_bat	stem	Bathonian	Herbst 2003
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1881_bat	fertile leaf	Bathonian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1899_bat	fertile leaf	Bathonian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1900_bat	fertile leaf	Bathonian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1901_bat	fertile leaf	Bathonian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1913_bat	fertile leaf	Bathonian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1915_bat	fertile leaf	Bathonian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1918_bat	fertile leaf	Bathonian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1918_bat	fertile leaf	Bathonian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2153_bat	fertile leaf	Bathonian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2154_bat	fertile leaf	Bathonian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2155_bat	fertile leaf	Bathonian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2272_bat	fertile leaf	Bathonian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2277_bat	fertile leaf	Bathonian	Herbst 1962
Hausmannia	Hausmannia deferrarisii	Polypodiopsida	Gleicheniales	Dipteridaceae	La Matilde	BA Pb 1981_bat	sterile leaf	Bathonian	Archangelsky and Lezama 1998
Hausmannia	Hausmannia deferrarisii	Polypodiopsida	Gleicheniales	Dipteridaceae	La Matilde	BA Pb 1982_bat	sterile leaf	Bathonian	Archangelsky and Lezama 1998
Hausmannia	Hausmannia deferrarisii	Polypodiopsida	Gleicheniales	Dipteridaceae	La Matilde	BA Pb 1983_bat	sterile leaf	Bathonian	Archangelsky and Lezama 1998
Pachypteris	Pachypteris crassa	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	La Matilde	S/N1_bat	leaf	Bathonian	Zamuner et al. 2011
Dictyozamites	Dictyozamites sp. a	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N4_bat	leaf	Bathonian	Zamuner et al. 2011
Dictyozamites	Dictyozamites sp. b	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N5_bat	leaf	Bathonian	Zamuner et al. 2011
Dictyozamites	Dictyozamites crassinervis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N3_bat	leaf	Bathonian	Zamuner et al. 2011
Dictyozamites	Dictyozamites falcatus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N2_bat	leaf	Bathonian	Zamuner et al. 2011
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8848_bat	leaf	Bathonian	Herbst and Zalazar 1998
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8849_bat	leaf	Bathonian	Herbst and Zalazar 1998
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8850_bat	leaf	Bathonian	Herbst and Zalazar 1998
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8851_bat	leaf	Bathonian	Herbst and Zalazar 1998
Otozamites	Otozamites burbuyanus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8852_bat	leaf	Bathonian	Herbst and Zalazar 1998
Otozamites	Otozamites burbuyanus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8877_bat	leaf	Bathonian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8843_bat	leaf	Bathonian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8844_bat	leaf	Bathonian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8845_bat	leaf	Bathonian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8846_bat	leaf	Bathonian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8847_bat	leaf	Bathonian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8853_bat	leaf	Bathonian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8854_bat	leaf	Bathonian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8855_bat	leaf	Bathonian	Herbst and Zalazar 1998



























Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7216_bat	sterile leaf	Bathonian	Petriella et Arrondo 1984
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7217_bat	sterile leaf	Bathonian	Petriella et Arrondo 1984
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7218_bat	sterile leaf	Bathonian	Petriella et Arrondo 1984
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7220_bat	sterile leaf	Bathonian	Petriella et Arrondo 1984
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7222_bat	sterile leaf	Bathonian	Petriella et Arrondo 1984
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7223_bat	sterile leaf	Bathonian	Petriella et Arrondo 1984
Elatocladus	Elatocladus planus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chon Aike	LPPB 7210_bat	leafy shoot	Bathonian	Petriella et Arrondo 1984
Elatocladus	Elatocladus planus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chon Aike	LPPB 7218_bat	leafy shoot	Bathonian	Petriella et Arrondo 1984
Elatocladus	Elatocladus planus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chon Aike	LPPB 7221_bat	leafy shoot	Bathonian	Petriella et Arrondo 1984
Elatocladus	Elatocladus planus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chon Aike	LPPB 7222_bat	leafy shoot	Bathonian	Petriella et Arrondo 1984
Scleropteris	Scleropteris vincei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Chon Aike	LPPB 7219_bat	leaf	Bathonian	Petriella et Arrondo 1984
Cladophlebis	Cladophlebis copiosa	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	CTES-PB 8883_bat	sterile leaf	Bathonian	Herbst and Zalazar 1998
Cladophlebis	Cladophlebis copiosa	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	CTES-PB 8884_bat	sterile leaf	Bathonian	Herbst and Zalazar 1998
Cladophlebis	Cladophlebis copiosa	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	CTES-PB 8885_bat	sterile leaf	Bathonian	Herbst and Zalazar 1998
Athrotaxis	<b>Athrotaxis ungeri</b>	Gymnospermopsida	Coniferales	Cupressaceae	La Matilde	S/n 1_bat	leafy shoot+ovulate c	Bathonian	Feruglio 1951
Sphenopteris	Sphenopteris sanjulianensis	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	La Matilde	S/n 2_bat	leaf	Bathonian	Feruglio 1953
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13750_bat	leafy shoot+ovulate c	Bathonian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13752_bat	leafy shoot+ovulate c	Bathonian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13779_bat	leafy shoot+ovulate c	Bathonian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13782_bat	leafy shoot+ovulate c	Bathonian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13784_bat	leafy shoot+ovulate c	Bathonian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13793_bat	leafy shoot+ovulate c	Bathonian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	MNBP198_bat	leafy shoot+ovulate c	Bathonian	Falaschi 2009
Isoetites	Isoetites sp.	Lycopsidea	Isoetales	Isoetaceae	La Matilde	S/N15_cal	whole plant	Callovian	Coturel et al. 2023
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13678_cal	stem+strobilus	Callovian	Falaschi et al. 2009
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13680_cal	stem+strobilus	Callovian	Falaschi et al. 2009
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13681_cal	stem+strobilus	Callovian	Falaschi et al. 2009
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13682_cal	stem+strobilus	Callovian	Falaschi et al. 2009
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13683_cal	stem+strobilus	Callovian	Falaschi et al. 2009
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13684_cal	stem+strobilus	Callovian	Falaschi et al. 2009
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13685_cal	stem+strobilus	Callovian	Falaschi et al. 2009
Equisetites	Equisetites minimus	Equisetopsida	Equisetales	Equisetaceae	La Matilde	LPPB 13686_cal	whole plant	Callovian	Falaschi et al. 2009
Equisetum	Equisetum thermale	Equisetopsida	Equisetales	Equisetaceae	La Matilde	MPM-PB 2029a_cal	whole plant	Callovian	Chaning et al. 2011
Equisetum	Equisetum thermale	Equisetopsida	Equisetales	Equisetaceae	La Matilde	MPM-PB 2029b_cal	whole plant	Callovian	Chaning et al. 2011
Equisetum	Equisetum thermale	Equisetopsida	Equisetales	Equisetaceae	La Matilde	MPM-PB 2029c_cal	whole plant	Callovian	Chaning et al. 2011
Equisetum	Equisetum thermale	Equisetopsida	Equisetales	Equisetaceae	La Matilde	MPM-PB 2029d_cal	whole plant	Callovian	Chaning et al. 2011
Equisetum	Equisetum thermale	Equisetopsida	Equisetales	Equisetaceae	La Matilde	MPM-PB 2029e_cal	whole plant	Callovian	Chaning et al. 2011
Equisetum	Equisetum thermale	Equisetopsida	Equisetales	Equisetaceae	La Matilde	MPM-PB 2029f_cal	whole plant	Callovian	Chaning et al. 2011
Equisetum	Equisetum thermale	Equisetopsida	Equisetales	Equisetaceae	La Matilde	MPM-PB 2029g_cal	whole plant	Callovian	Chaning et al. 2011
Equisetum	Equisetum thermale	Equisetopsida	Equisetales	Equisetaceae	La Matilde	MPM-PB 2029h_cal	whole plant	Callovian	Chaning et al. 2011



Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1901_cal	fertile leaf	Callovian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1913_cal	fertile leaf	Callovian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1915_cal	fertile leaf	Callovian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1918_cal	fertile leaf	Callovian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2153_cal	fertile leaf	Callovian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2154_cal	fertile leaf	Callovian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2155_cal	fertile leaf	Callovian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2272_cal	fertile leaf	Callovian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2277_cal	fertile leaf	Callovian	Herbst 1962
Hausmannia	Hausmannia deferrarisii	Polypodiopsida	Gleicheniales	Dipteridaceae	La Matilde	BA Pb 1981_cal	sterile leaf	Callovian	Archangelsky et Lezama 1998
Hausmannia	Hausmannia deferrarisii	Polypodiopsida	Gleicheniales	Dipteridaceae	La Matilde	BA Pb 1982_cal	sterile leaf	Callovian	Archangelsky et Lezama 1998
Hausmannia	Hausmannia deferrarisii	Polypodiopsida	Gleicheniales	Dipteridaceae	La Matilde	BA Pb 1983_cal	sterile leaf	Callovian	Archangelsky et Lezama 1998
Pachypteris	Pachypteris crassa	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	La Matilde	S/N1_cal	leaf	Callovian	Zamuner et al. 2011
Dictyozamites	Dictyozamites sp. a	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N4_cal	leaf	Callovian	Zamuner et al. 2011
Dictyozamites	Dictyozamites sp. b	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N5_cal	leaf	Callovian	Zamuner et al. 2011
Dictyozamites	Dictyozamites crassinervis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N3_cal	leaf	Callovian	Zamuner et al. 2011
Dictyozamites	Dictyozamites falcatus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N2_cal	leaf	Callovian	Zamuner et al. 2011
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8848_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8849_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8850_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8851_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites burbuyanus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8852_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites burbuyanus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8877_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8843_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8844_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8845_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8846_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8847_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8853_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8854_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8855_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8856_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8857_cal	leaf	Callovian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8858_cal	leaf	Callovian	Herbst and Zalazar 1998
Zamites	Zamites antarcticus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8864_cal	leaf	Callovian	Herbst and Zalazar 1998
Zamites	Zamites antarcticus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8865_cal	leaf	Callovian	Herbst and Zalazar 1998
Zamites	Zamites antarcticus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8866_cal	leaf	Callovian	Herbst and Zalazar 1998
Ginkgomyeloxyton	Ginkgomyeloxyton tanzanii	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	La Matilde	CTES-PB 10698_cal	trunk	Callovian	Gnaedinger 2012
Ginkgomyeloxyton	Ginkgomyeloxyton tanzanii	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	La Matilde	CTES-PB 12006_cal	trunk	Callovian	Gnaedinger 2012
Ginkgomyeloxyton	Ginkgomyeloxyton tanzanii	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	La Matilde	CTES-PB 10658_cal	trunk	Callovian	Gnaedinger 2012













Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13799_cal	leafy shoot	Callovian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13800_cal	leafy shoot	Callovian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13801_cal	leafy shoot	Callovian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13802_cal	leafy shoot	Callovian	Falaschi 2009
Araucarites	Araucarites cutchensis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	S/N6_cal	seed bract	Callovian	Zamuner et al. 2011
Araucarites	Araucarites sanctaerucis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 6046_cal	seed bract	Callovian	Falaschi 2009
Araucarites	Araucarites sanctaerucis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 6056_cal	seed bract	Callovian	Falaschi 2009
Araucarites	Araucarites sanctaerucis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13759_cal	seed bract	Callovian	Falaschi 2009
Araucarites	Araucarites sanctaerucis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	MNBP 99_cal	seed bract	Callovian	Falaschi 2009
Araucarites	Araucarites sanctaerucis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	MNBP 162_cal	seed bract	Callovian	Falaschi 2009
Araucarites	Araucarites sanctaerucis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	MNBP 164_cal	seed bract	Callovian	Falaschi 2009
Araucarites	Araucarites sanctaerucis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	MNBP 307_cal	seed bract	Callovian	Falaschi 2009
Circoporopytis	Circoporopytis argentinum	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 10692_cal	trunk	Callovian	Gnaedinger 2007b
Circoporopytis	Circoporopytis argentinum	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 12025_cal	trunk	Callovian	Gnaedinger 2007b
Circoporopytis	Circoporopytis argentinum	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 12018_cal	trunk	Callovian	Gnaedinger 2007b
Circoporoxylon	Circoporoxylon sanjuliense	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 12014_cal	trunk	Callovian	Gnaedinger 2007b
Circoporoxylon	Circoporoxylon sanjuliense	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 12017_cal	trunk	Callovian	Gnaedinger 2007b
Podocarpoxyton	Podocarpoxyton austroamericanum	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 12015_cal	wood	Callovian	Gnaedinger 2007b
Podocarpoxyton	Podocarpoxyton austroamericanum	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 12016_cal	wood	Callovian	Gnaedinger 2007b
Podocarpoxyton	Podocarpoxyton feruglioi	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 10694_cal	wood	Callovian	Gnaedinger 2007b
Podocarpoxyton	Podocarpoxyton feruglioi	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 10695_cal	wood	Callovian	Gnaedinger 2007b
Podocarpoxyton	Podocarpoxyton feruglioi	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 10661_cal	wood	Callovian	Gnaedinger 2007b
Podocarpoxyton	Podocarpoxyton feruglioi	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 10662_cal	wood	Callovian	Gnaedinger 2007b
Podocarpoxyton	Podocarpoxyton feruglioi	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 10663_cal	wood	Callovian	Gnaedinger 2007b
Brachyphyllum	Brachyphyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8872_cal	leafy shoot	Callovian	Herbst and Zalazar 1998
Brachyphyllum	Brachyphyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8873_cal	leafy shoot	Callovian	Herbst and Zalazar 1998
Brachyphyllum	Brachyphyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8874_cal	leafy shoot	Callovian	Herbst and Zalazar 1998
Brachyphyllum	Brachyphyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8875_cal	leafy shoot	Callovian	Herbst and Zalazar 1998
Brachyphyllum	Brachyphyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8876_cal	leafy shoot	Callovian	Herbst and Zalazar 1998
Herbstiloxylon	Herbstiloxylon patagonicum	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10669_cal	wood	Callovian	Gnaedinger 2007a
Herbstiloxylon	Herbstiloxylon patagonicum	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 12029_cal	wood	Callovian	Gnaedinger 2007a
Masculostrobus	Masculostrobus altoensis	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	7624 BA PB_cal	pollen cone	Callovian	Menendez 1960
Masculostrobus	Masculostrobus altoensis	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	7625 BA PB_cal	pollen cone	Callovian	Menendez 1960
Pagiophyllum	Pagiophyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8867_cal	leafy shoot	Callovian	Herbst and Zalazar 1998
Pagiophyllum	Pagiophyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8868_cal	leafy shoot	Callovian	Herbst and Zalazar 1998
Pagiophyllum	Pagiophyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8869_cal	leafy shoot	Callovian	Herbst and Zalazar 1998
Pagiophyllum	Pagiophyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8870_cal	leafy shoot	Callovian	Herbst and Zalazar 1998
Pagiophyllum	Pagiophyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8871_cal	leafy shoot	Callovian	Herbst and Zalazar 1998
Planoxylon	Planoxylon australe	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10666_cal	wood	Callovian	Gnaedinger 2007a
Planoxylon	Planoxylon australe	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10995_cal	wood	Callovian	Gnaedinger 2007a













Elatocladus	Elatocladus planus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chon Aike	LPPB 7222_cal	leafy shoot	Callovian	Petriella et Arrondo 1984
Scleropteris	Scleropteris vincei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Chon Aike	LPPB 7219_cal	leaf	Callovian	Petriella et Arrondo 1984
Cladophlebis	Cladophlebis copiosa	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	CTES-PB 8883_cal	sterile leaf	Callovian	Herbst and Zalazar 1998
Cladophlebis	Cladophlebis copiosa	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	CTES-PB 8884_cal	sterile leaf	Callovian	Herbst and Zalazar 1998
Cladophlebis	Cladophlebis copiosa	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	CTES-PB 8885_cal	sterile leaf	Callovian	Herbst and Zalazar 1998
Athrotaxis	<b>Athrotaxis ungeri</b>	Gymnospermopsida	Coniferales	Cupressaceae	La Matilde	S/n 1_cal	leafy shoot+ovulate cc	Callovian	Feruglio 1951
Sphenopteris	Sphenopteris sanjulianensis	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	La Matilde	S/n 2_cal	leaf	Callovian	Feruglio 1953
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13750_cal	leafy shoot+ovulate cc	Callovian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13752_cal	leafy shoot+ovulate cc	Callovian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13779_cal	leafy shoot+ovulate cc	Callovian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13782_cal	leafy shoot+ovulate cc	Callovian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13784_cal	leafy shoot+ovulate cc	Callovian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13793_cal	leafy shoot+ovulate cc	Callovian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	MNBP198_cal	leafy shoot+ovulate cc	Callovian	Falaschi 2009
Equisetum	Equisetum sp.	Equisetopsida	Equisetales	Equisetaceae	Canadón Calcareo	MPEF-PB 3396a_o	stem	Oxfordian	Escapa et al. 2022
Coniopteris	Coniopteris sp.	Polypodiopsida	Cyatheaales	Dicksoniaceae?	Canadón Calcareo	MPEF-PB 3371_o	sterile leaf	Oxfordian	Escapa et al. 2022
Pachypteris	Pachypteris sp.	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	Canadón Calcareo	MPEF-PB 3361a_o	leaf	Oxfordian	Escapa et al. 2022
Lepidopteris	Lepidopteris	Gymnospermopsida	Peltaspermales	Peltaspermaeae	Canadón Calcareo	MPEF-PB 3357_o	leaf	Oxfordian	Escapa et al. 2022
Brachyphyllum	Brachyphyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Calcareo	MPEF-PB 3372_o	leaf	Oxfordian	Escapa et al. 2022
Araucaria	Araucaria sp.	Gymnospermopsida	Coniferales	Araucariaceae	Canadón Calcareo	MPEF-PB 1916b_o	leafy shoot	Oxfordian	Escapa et al. 2022
Masculostrobus	Masculostrobus sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Calcareo	MPEF-PB 3388b_o	pollen cone	Oxfordian	Escapa et al. 2022
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 1950_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 1951_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 1952_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 1955_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 1956_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 1957_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 1961_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 1965_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 3285_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 3453_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 3454_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 3455_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 3627_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 3628_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 3629_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 5340_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 5341_o	ovulate cone	Oxfordian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 5342_o	ovulate cone	Oxfordian	Escapa et al. 2013
Isoetites	Isoetites sp.	Lycopsida	Isoetales	Isoetaeae	La Matilde	S/N15_oxf	whole plant	Oxfordian	Coturel et al. 2023



Cladophlebis	Cladophlebis patagonica	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	BA Pb 2048_oxf	sterile leaf	Oxfordian	Herbst 1977
Cladophlebis	Cladophlebis patagonica	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	BA Pb 2053_oxf	sterile leaf	Oxfordian	Herbst 1977
Cladophlebis	Cladophlebis patagonica	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	BA Pb 2055_oxf	sterile leaf	Oxfordian	Herbst 1977
Millerocaulis	Millerocaulis patagonica	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	LPPB 4381_oxf	stem	Oxfordian	Archangelsky and De La Sota 1962
Millerocaulis	Millerocaulis zamunerae	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	MPM-PB 15813_oxf	stem	Oxfordian	Sagasti et al. 2018
Millerocaulis	Millerocaulis zamunerae	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	MPM-PB 15822_oxf	stem	Oxfordian	Sagasti et al. 2018
Millerocaulis	Millerocaulis zamunerae	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	MPM-PB 15823_oxf	stem	Oxfordian	Sagasti et al. 2018
Millerocaulis	Millerocaulis zamunerae	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	MPM-PB 15824_oxf	stem	Oxfordian	Sagasti et al. 2018
Millerocaulis	Millerocaulis zamunerae	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	MPM-PB 15825_oxf	stem	Oxfordian	Sagasti et al. 2018
Millerocaulis	Millerocaulis zamunerae	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	MPM-PB 15826_oxf	stem	Oxfordian	Sagasti et al. 2018
Millerocaulis	Millerocaulis zamunerae	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	MPM-PB 15827_oxf	stem	Oxfordian	Sagasti et al. 2018
Millerocaulis	Millerocaulis zamunerae	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	MPM-PB 15828_oxf	stem	Oxfordian	Sagasti et al. 2018
Osmundacaulis	Osmundacaulis tehuelchense	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	s/n16_oxf	stem	Oxfordian	Herbst 2003
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1881_oxf	fertile leaf	Oxfordian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1899_oxf	fertile leaf	Oxfordian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1900_oxf	fertile leaf	Oxfordian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1901_oxf	fertile leaf	Oxfordian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1913_oxf	fertile leaf	Oxfordian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1915_oxf	fertile leaf	Oxfordian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 1918_oxf	fertile leaf	Oxfordian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2153_oxf	fertile leaf	Oxfordian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2154_oxf	fertile leaf	Oxfordian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2155_oxf	fertile leaf	Oxfordian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2272_oxf	fertile leaf	Oxfordian	Herbst 1962
Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2277_oxf	fertile leaf	Oxfordian	Herbst 1962
Hausmannia	Hausmannia deferrarisii	Polypodiopsida	Gleicheniales	Dipteridaceae	La Matilde	BA Pb 1981_oxf	sterile leaf	Oxfordian	Archangelsky et Lezama 1998
Hausmannia	Hausmannia deferrarisii	Polypodiopsida	Gleicheniales	Dipteridaceae	La Matilde	BA Pb 1982_oxf	sterile leaf	Oxfordian	Archangelsky et Lezama 1998
Hausmannia	Hausmannia deferrarisii	Polypodiopsida	Gleicheniales	Dipteridaceae	La Matilde	BA Pb 1983_oxf	sterile leaf	Oxfordian	Archangelsky et Lezama 1998
Pachypteris	Pachypteris crassa	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	La Matilde	S/N1_oxf	leaf	Oxfordian	Zamuner et al. 2011
Dictyozamites	Dictyozamites sp. a	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N4_oxf	leaf	Oxfordian	Zamuner et al. 2011
Dictyozamites	Dictyozamites sp. b	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N5_oxf	leaf	Oxfordian	Zamuner et al. 2011
Dictyozamites	Dictyozamites crassinervis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N3_oxf	leaf	Oxfordian	Zamuner et al. 2011
Dictyozamites	Dictyozamites falcatus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N2_oxf	leaf	Oxfordian	Zamuner et al. 2011
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8848_oxf	leaf	Oxfordian	Herbst and Zalazar 1998
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8849_oxf	leaf	Oxfordian	Herbst and Zalazar 1998
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8850_oxf	leaf	Oxfordian	Herbst and Zalazar 1998
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8851_oxf	leaf	Oxfordian	Herbst and Zalazar 1998
Otozamites	Otozamites burbuyanus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8852_oxf	leaf	Oxfordian	Herbst and Zalazar 1998
Otozamites	Otozamites burbuyanus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8877_oxf	leaf	Oxfordian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8843_oxf	leaf	Oxfordian	Herbst and Zalazar 1998

























Cycadites	Cycadites sp.	Gymnospermopsida	Cycadales	Cycadales i.s.	Chon Aike	LPPB 11539_oxf	leaf	Oxfordian	Barrio et al. 1982
Cycadites	Cycadites sp.	Gymnospermopsida	Cycadales	Cycadales i.s.	Chon Aike	LPPB 11540_oxf	leaf	Oxfordian	Barrio et al. 1982
Cycadites	Cycadites sp.	Gymnospermopsida	Cycadales	Cycadales i.s.	Chon Aike	LPPB 11541_oxf	leaf	Oxfordian	Barrio et al. 1982
Goepfertella	Goepfertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7209_oxf	sterile leaf	Oxfordian	Petriella et Arrondo 1984
Goepfertella	Goepfertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7210_oxf	sterile leaf	Oxfordian	Petriella et Arrondo 1984
Goepfertella	Goepfertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7214_oxf	sterile leaf	Oxfordian	Petriella et Arrondo 1984
Goepfertella	Goepfertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7215_oxf	sterile leaf	Oxfordian	Petriella et Arrondo 1984
Goepfertella	Goepfertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7216_oxf	sterile leaf	Oxfordian	Petriella et Arrondo 1984
Goepfertella	Goepfertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7217_oxf	sterile leaf	Oxfordian	Petriella et Arrondo 1984
Goepfertella	Goepfertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7218_oxf	sterile leaf	Oxfordian	Petriella et Arrondo 1984
Goepfertella	Goepfertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7220_oxf	sterile leaf	Oxfordian	Petriella et Arrondo 1984
Goepfertella	Goepfertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7222_oxf	sterile leaf	Oxfordian	Petriella et Arrondo 1984
Goepfertella	Goepfertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7223_oxf	sterile leaf	Oxfordian	Petriella et Arrondo 1984
Elatocladus	Elatocladus planus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chon Aike	LPPB 7210_oxf	leafy shoot	Oxfordian	Petriella et Arrondo 1984
Elatocladus	Elatocladus planus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chon Aike	LPPB 7218_oxf	leafy shoot	Oxfordian	Petriella et Arrondo 1984
Elatocladus	Elatocladus planus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chon Aike	LPPB 7221_oxf	leafy shoot	Oxfordian	Petriella et Arrondo 1984
Elatocladus	Elatocladus planus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chon Aike	LPPB 7222_oxf	leafy shoot	Oxfordian	Petriella et Arrondo 1984
Scleropteris	Scleropteris vincei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Chon Aike	LPPB 7219_oxf	leaf	Oxfordian	Petriella et Arrondo 1984
Cladophlebis	Cladophlebis copiosa	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	CTES-PB 8883_oxf	sterile leaf	Oxfordian	Herbst and Zalazar 1998
Cladophlebis	Cladophlebis copiosa	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	CTES-PB 8884_oxf	sterile leaf	Oxfordian	Herbst and Zalazar 1998
Cladophlebis	Cladophlebis copiosa	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	CTES-PB 8885_oxf	sterile leaf	Oxfordian	Herbst and Zalazar 1998
Athrotaxis	<b>Athrotaxis ungeri</b>	Gymnospermopsida	Coniferales	Cupressaceae	La Matilde	S/n 1_oxf	leafy shoot+ovulate cc	Oxfordian	Feruglio 1951
Sphenopteris	Sphenopteris sanjulianensis	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	La Matilde	S/n 2_oxf	leaf	Oxfordian	Feruglio 1953
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13750_oxf	leafy shoot+ovulate cc	Oxfordian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13752_oxf	leafy shoot+ovulate cc	Oxfordian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13779_oxf	leafy shoot+ovulate cc	Oxfordian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13782_oxf	leafy shoot+ovulate cc	Oxfordian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13784_oxf	leafy shoot+ovulate cc	Oxfordian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13793_oxf	leafy shoot+ovulate cc	Oxfordian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	MNBP198_oxf	leafy shoot+ovulate cc	Oxfordian	Falaschi 2009
Equisetum	Equisetum sp.	Equisetopsida	Equisetales	Equisetaceae	Canadón Calcareo	MPEF-PB 3396a_k	stem	Kimmeridgian	Escapa et al. 2022
Coniopteris	Coniopteris sp.	Polypodiopsida	Cyatheaales	Dicksoniaceae?	Canadón Calcareo	MPEF-PB 3371_k	sterile leaf	Kimmeridgian	Escapa et al. 2022
Pachypteris	Pachypteris sp.	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	Canadón Calcareo	MPEF-PB 3361a_k	leaf	Kimmeridgian	Escapa et al. 2022
Lepidopteris	Lepidopteris	Gymnospermopsida	Peltaspermales	Peltaspermeaceae	Canadón Calcareo	MPEF-PB 3357_k	leaf	Kimmeridgian	Escapa et al. 2022
Brachyphyllum	Brachyphyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Calcareo	MPEF-PB 3372_k	leaf	Kimmeridgian	Escapa et al. 2022
Araucaria	Araucaria sp.	Gymnospermopsida	Coniferales	Araucariaceae	Canadón Calcareo	MPEF-PB 1916b_k	leafy shoot	Kimmeridgian	Escapa et al. 2022
Masculostrobus	Masculostrobus sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Canadón Calcareo	MPEF-PB 3388b_k	pollen cone	Kimmeridgian	Escapa et al. 2022
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 1950_k	ovulate cone	Kimmeridgian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 1951_k	ovulate cone	Kimmeridgian	Escapa et al. 2013
Pararaucaria	Pararaucaria delfueyoi	Gymnospermopsida	Coniferales	Cheirolepidiaceae	Canadón Calcareo	MPEF-PB 1952_k	ovulate cone	Kimmeridgian	Escapa et al. 2013







Korallipteris	Korallipteris juliensis	Polypodiopsida	Ferns i.s.	Ferns i.s.	La Matilde	BA Pb 2277_kim	fertile leaf	Kimmeridgian	Herbst 1962
Hausmannia	Hausmannia deferrarisii	Polypodiopsida	Gleicheniales	Dipteridaceae	La Matilde	BA Pb 1981_kim	sterile leaf	Kimmeridgian	Archangelsky et Lezama 1998
Hausmannia	Hausmannia deferrarisii	Polypodiopsida	Gleicheniales	Dipteridaceae	La Matilde	BA Pb 1982_kim	sterile leaf	Kimmeridgian	Archangelsky et Lezama 1998
Hausmannia	Hausmannia deferrarisii	Polypodiopsida	Gleicheniales	Dipteridaceae	La Matilde	BA Pb 1983_kim	sterile leaf	Kimmeridgian	Archangelsky et Lezama 1998
Pachypteris	Pachypteris crassa	Gymnospermopsida	Pteridosperms i.s.	Pteridosperms i.s.	La Matilde	S/N1_kim	leaf	Kimmeridgian	Zamuner et al. 2011
Dictyozamites	Dictyozamites sp. a	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N4_kim	leaf	Kimmeridgian	Zamuner et al. 2011
Dictyozamites	Dictyozamites sp. b	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N5_kim	leaf	Kimmeridgian	Zamuner et al. 2011
Dictyozamites	Dictyozamites crassinervis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N3_kim	leaf	Kimmeridgian	Zamuner et al. 2011
Dictyozamites	Dictyozamites falcatus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	S/N2_kim	leaf	Kimmeridgian	Zamuner et al. 2011
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8848_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8849_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8850_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites barthianus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8851_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites burbuyanus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8852_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites burbuyanus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8877_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8843_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8844_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8845_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8846_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8847_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8853_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8854_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8855_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8856_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8857_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Otozamites	Otozamites sanctaecrucis	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8858_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Zamites	Zamites antarcticus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8864_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Zamites	Zamites antarcticus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8865_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Zamites	Zamites antarcticus	Gymnospermopsida	Benettitales	Benettitales i.s.	La Matilde	CTES-PB 8866_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Ginkgomyeloxylon	Ginkgomyeloxylon tanzanii	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	La Matilde	CTES-PB 10698_kim	trunk	Kimmeridgian	Gnaedinger 2012
Ginkgomyeloxylon	Ginkgomyeloxylon tanzanii	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	La Matilde	CTES-PB 12006_kim	trunk	Kimmeridgian	Gnaedinger 2012
Ginkgomyeloxylon	Ginkgomyeloxylon tanzanii	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	La Matilde	CTES-PB 10658_kim	trunk	Kimmeridgian	Gnaedinger 2012
Ginkgomyeloxylon	Ginkgomyeloxylon tanzanii	Gymnospermopsida	Ginkgoales	Ginkgoales i.s.	La Matilde	CTES-PB 10660_kim	trunk	Kimmeridgian	Gnaedinger 2012
Pararaucaria	Pararaucaria patagonica	Gymnospermopsida	Coniferales	Cheirolepidiaceae	La Matilde	LPPB 122_kim	ovulate cone	Kimmeridgian	Escapa et al. 2013
Pararaucaria	Pararaucaria patagonica	Gymnospermopsida	Coniferales	Cheirolepidiaceae	La Matilde	LPPB 146a_kim	ovulate cone	Kimmeridgian	Escapa et al. 2013
Pararaucaria	Pararaucaria patagonica	Gymnospermopsida	Coniferales	Cheirolepidiaceae	La Matilde	LPPB 60a_kim	ovulate cone	Kimmeridgian	Paleobotany Collection MLP
Pararaucaria	Pararaucaria patagonica	Gymnospermopsida	Coniferales	Cheirolepidiaceae	La Matilde	LPPB 6104_kim	ovulate cone	Kimmeridgian	Paleobotany Collection MLP
Pararaucaria	Pararaucaria patagonica	Gymnospermopsida	Coniferales	Cheirolepidiaceae	La Matilde	LPPB 6105_kim	ovulate cone	Kimmeridgian	Paleobotany Collection MLP
Pararaucaria	Pararaucaria patagonica	Gymnospermopsida	Coniferales	Cheirolepidiaceae	La Matilde	LPPB 6106_kim	ovulate cone	Kimmeridgian	Paleobotany Collection MLP
Pararaucaria	Pararaucaria patagonica	Gymnospermopsida	Coniferales	Cheirolepidiaceae	La Matilde	LPPB 6107_kim	ovulate cone	Kimmeridgian	Paleobotany Collection MLP













Araucarites	Araucarites sanctaecrucis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	MNBP 162_kim	seed bract	Kimmeridgian	Falaschi 2009
Araucarites	Araucarites sanctaecrucis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	MNBP 164_kim	seed bract	Kimmeridgian	Falaschi 2009
Araucarites	Araucarites sanctaecrucis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	MNBP 307_kim	seed bract	Kimmeridgian	Falaschi 2009
Circoporopytis	Circoporopytis argentinum	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 10692_kim	trunk	Kimmeridgian	Gnaedinger 2007b
Circoporopytis	Circoporopytis argentinum	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 12025_kim	trunk	Kimmeridgian	Gnaedinger 2007b
Circoporopytis	Circoporopytis argentinum	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 12018_kim	trunk	Kimmeridgian	Gnaedinger 2007b
Circoporoxylon	Circoporoxylon sanjuliense	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 12014_kim	trunk	Kimmeridgian	Gnaedinger 2007b
Circoporoxylon	Circoporoxylon sanjuliense	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 12017_kim	trunk	Kimmeridgian	Gnaedinger 2007b
Podocarpoxyton	Podocarpoxyton austroamericanum	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 12015_kim	wood	Kimmeridgian	Gnaedinger 2007b
Podocarpoxyton	Podocarpoxyton austroamericanum	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 12016_kim	wood	Kimmeridgian	Gnaedinger 2007b
Podocarpoxyton	Podocarpoxyton feruglioi	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 10694_kim	wood	Kimmeridgian	Gnaedinger 2007b
Podocarpoxyton	Podocarpoxyton feruglioi	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 10695_kim	wood	Kimmeridgian	Gnaedinger 2007b
Podocarpoxyton	Podocarpoxyton feruglioi	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 10661_kim	wood	Kimmeridgian	Gnaedinger 2007b
Podocarpoxyton	Podocarpoxyton feruglioi	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 10662_kim	wood	Kimmeridgian	Gnaedinger 2007b
Podocarpoxyton	Podocarpoxyton feruglioi	Gymnospermopsida	Coniferales	Podocarpaceae	La Matilde	CTES-PB 10663_kim	wood	Kimmeridgian	Gnaedinger 2007b
Brachyphyllum	Brachyphyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8872_kim	leafy shoot	Kimmeridgian	Herbst and Zalazar 1998
Brachyphyllum	Brachyphyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8873_kim	leafy shoot	Kimmeridgian	Herbst and Zalazar 1998
Brachyphyllum	Brachyphyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8874_kim	leafy shoot	Kimmeridgian	Herbst and Zalazar 1998
Brachyphyllum	Brachyphyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8875_kim	leafy shoot	Kimmeridgian	Herbst and Zalazar 1998
Brachyphyllum	Brachyphyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8876_kim	leafy shoot	Kimmeridgian	Herbst and Zalazar 1998
Herbstiloxylon	Herbstiloxylon patagonicum	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10669_kim	wood	Kimmeridgian	Gnaedinger 2007a
Herbstiloxylon	Herbstiloxylon patagonicum	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 12029_kim	wood	Kimmeridgian	Gnaedinger 2007a
Masculostrobus	Masculostrobus altoensis	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	BA Pb 7624_kim	pollen cone	Kimmeridgian	Menendez 1960
Masculostrobus	Masculostrobus altoensis	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	BA Pb 7625_kim	pollen cone	Kimmeridgian	Menendez 1960
Pagiophyllum	Pagiophyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8867_kim	leafy shoot	Kimmeridgian	Herbst and Zalazar 1998
Pagiophyllum	Pagiophyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8868_kim	leafy shoot	Kimmeridgian	Herbst and Zalazar 1998
Pagiophyllum	Pagiophyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8869_kim	leafy shoot	Kimmeridgian	Herbst and Zalazar 1998
Pagiophyllum	Pagiophyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8870_kim	leafy shoot	Kimmeridgian	Herbst and Zalazar 1998
Pagiophyllum	Pagiophyllum sp. 2	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 8871_kim	leafy shoot	Kimmeridgian	Herbst and Zalazar 1998
Planoxylon	Planoxylon australe	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10666_kim	wood	Kimmeridgian	Gnaedinger 2007a
Planoxylon	Planoxylon australe	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10995_kim	wood	Kimmeridgian	Gnaedinger 2007a
Planoxylon	Planoxylon australe	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10701_kim	wood	Kimmeridgian	Gnaedinger 2007a
Planoxylon	Planoxylon australe	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 12072_kim	wood	Kimmeridgian	Gnaedinger 2007a
Protelicoxylon	Protelicoxylon feriziense	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10685_kim	wood	Kimmeridgian	Gnaedinger 2007a
Protelicoxylon	Protelicoxylon feriziense	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 12019_kim	wood	Kimmeridgian	Gnaedinger 2007a
Prototaxoxylon	Prototaxoxylon intertrappeum	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10650_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon intertrappeum	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10653_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon intertrappeum	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10656_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon intertrappeum	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10667_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon intertrappeum	Gymnospermopsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10680_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006

Prototaxoxylon	Prototaxoxylon intertrappeum	Gymnospermsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10704_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon intertrappeum	Gymnospermsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 12065_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon intertrappeum	Gymnospermsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 12066_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon intertrappeum	Gymnospermsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 12037_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon acevedoae	Gymnospermsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10664_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon acevedoae	Gymnospermsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10700_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon acevedoae	Gymnospermsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10657_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon acevedoae	Gymnospermsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10668_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon acevedoae	Gymnospermsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10645_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon acevedoae	Gymnospermsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10646_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon acevedoae	Gymnospermsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10676_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon acevedoae	Gymnospermsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 10682_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon acevedoae	Gymnospermsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 12051_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Prototaxoxylon	Prototaxoxylon uniseriale	Gymnospermsida	Coniferales	Coniferales i.s.	La Matilde	CTES-PB 12026_kim	wood	Kimmeridgian	Gnaedinger and Herbst 2006
Scleropteris	Scleropteris sp. A	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	La Matilde	BA Pb 1563_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Scleropteris	Scleropteris sp. A	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	La Matilde	BA Pb 1570_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Scleropteris	Scleropteris sp. A	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	La Matilde	BA Pb 1505_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Scleropteris	Scleropteris sp. A	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	La Matilde	BA Pb 1509_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Scleropteris	Scleropteris sp. A	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	La Matilde	BA Pb 1550_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Scleropteris	Scleropteris vincei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	La Matilde	CTES-PB 8867_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Sphenopteris	Sphenopteris delicatula	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	La Matilde	BA Pb 1694_kim	leaf	Kimmeridgian	Herbst and Zalazar 1998
Agathoxylon	Agathoxylon arayaii	Gymnospermsida	Coniferales	Araucariaceae	Chon Aike	MPM-PB 15929_kim	wood	Kimmeridgian	Sagasti 2018
Agathoxylon	Agathoxylon floresii	Gymnospermsida	Coniferales	Araucariaceae	Chon Aike	MPM-PB 15907_kim	wood	Kimmeridgian	Sagasti 2018
Agathoxylon	Agathoxylon floresii	Gymnospermsida	Coniferales	Araucariaceae	Chon Aike	MPM-PB 15896_kim	wood	Kimmeridgian	Sagasti 2018
Agathoxylon	Agathoxylon floresii	Gymnospermsida	Coniferales	Araucariaceae	Chon Aike	MPM-PB 15928_kim	wood	Kimmeridgian	Sagasti 2018
Agathoxylon	Agathoxylon jurassicum	Gymnospermsida	Coniferales	Araucariaceae	Chon Aike	MPM-PB 15908_kim	wood	Kimmeridgian	Sagasti 2018
Agathoxylon	Agathoxylon jurassicum	Gymnospermsida	Coniferales	Araucariaceae	Chon Aike	MPM-PB 15921_kim	wood	Kimmeridgian	Sagasti 2018
Agathoxylon	Agathoxylon jurassicum	Gymnospermsida	Coniferales	Araucariaceae	Chon Aike	MPM-PB 15927_kim	wood	Kimmeridgian	Sagasti 2018
Agathoxylon	Agathoxylon matildense	Gymnospermsida	Coniferales	Araucariaceae	Chon Aike	MPM-PB 15905_kim	wood	Kimmeridgian	Sagasti 2018
Protaxodioxylon	Protaxodioxylon sp.	Gymnospermsida	Coniferales	Cupressaceae	Chon Aike	MPM-PB 15923_kim	wood	Kimmeridgian	Sagasti 2018
Protaxodioxylon	Protaxodioxylon sp.	Gymnospermsida	Coniferales	Cupressaceae	Chon Aike	MPM-PB 15937_kim	wood	Kimmeridgian	Sagasti 2018
Protaxodioxylon	Protaxodioxylon sp.	Gymnospermsida	Coniferales	Cupressaceae	Chon Aike	MPM-PB 15940_kim	wood	Kimmeridgian	Sagasti 2018
Protaxodioxylon	Protaxodioxylon sp.	Gymnospermsida	Coniferales	Cupressaceae	Chon Aike	MPM-PB 15942_kim	wood	Kimmeridgian	Sagasti 2018
Protaxodioxylon	Protaxodioxylon sp.	Gymnospermsida	Coniferales	Cupressaceae	Chon Aike	MPM-PB 15944_kim	wood	Kimmeridgian	Sagasti 2018
Protaxodioxylon	Protaxodioxylon sp.	Gymnospermsida	Coniferales	Cupressaceae	Chon Aike	MPM-PB 15953_kim	wood	Kimmeridgian	Sagasti 2018
Protaxodioxylon	Protaxodioxylon sp.	Gymnospermsida	Coniferales	Cupressaceae	Chon Aike	MPM-PB 15955_kim	wood	Kimmeridgian	Sagasti 2018
Cupressinoxylon	Cupressinoxylon sp	Gymnospermsida	Coniferales	Cupressaceae	Chon Aike	MPM-PB 15922_kim	wood	Kimmeridgian	Sagasti 2018
Protocupressinoxylon	Protocupressinoxylon sp	Gymnospermsida	Coniferales	Cheirolepidiaceae	Chon Aike	MPM-PB 15937_kim	wood	Kimmeridgian	Sagasti 2018
Protocupressinoxylon	Protocupressinoxylon sp	Gymnospermsida	Coniferales	Cheirolepidiaceae	Chon Aike	MPM-PB 15957_kim	wood	Kimmeridgian	Sagasti 2018
Coniopteris	Coniopteris hymenophylloides	Polypodiopsida	Cyatheaales	Dicksoniaceae?	Chon Aike	MPM-PB 15967_kim	fertile leaf	Kimmeridgian	Sagasti et al. 2020







Elatocladus	Elatocladus planus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chon Aike	MPM-PB 15997_kim	leafy shoot	Kimmeridgian	Sagasti et al. 2020
Pseudoctenis	Pseudoctenis eathiensis	Gymnospermopsida	Cycadales	Cycadales i.s.	Chon Aike	LPPB 11542_kim	leaf	Kimmeridgian	Barrio et al. 1982
Pseudoctenis	Pseudoctenis eathiensis	Gymnospermopsida	Cycadales	Cycadales i.s.	Chon Aike	LPPB 11543_kim	leaf	Kimmeridgian	Barrio et al. 1982
Dictyozamites	Dictyozamites cazaubonii	Gymnospermopsida	Benettitales	Benettitales i.s.	Chon Aike	LPPB 11544_kim	leaf	Kimmeridgian	Barrio et al. 1982
Dictyozamites	Dictyozamites crassinervis	Gymnospermopsida	Benettitales	Benettitales i.s.	Chon Aike	LPPB 11545_kim	leaf	Kimmeridgian	Barrio et al. 1982
Dictyozamites	Dictyozamites falcatus	Gymnospermopsida	Benettitales	Benettitales i.s.	Chon Aike	LPPB 11548_kim	leaf	Kimmeridgian	Barrio et al. 1982
Dictyozamites	Dictyozamites falcatus	Gymnospermopsida	Benettitales	Benettitales i.s.	Chon Aike	LPPB 11549_kim	leaf	Kimmeridgian	Barrio et al. 1982
Dictyozamites	Dictyozamites falcatus	Gymnospermopsida	Benettitales	Benettitales i.s.	Chon Aike	LPPB 11550_kim	leaf	Kimmeridgian	Barrio et al. 1982
Dictyozamites	Dictyozamites falcatus	Gymnospermopsida	Benettitales	Benettitales i.s.	Chon Aike	LPPB 11551_kim	leaf	Kimmeridgian	Barrio et al. 1982
Dictyozamites	Dictyozamites inmmuræ	Gymnospermopsida	Benettitales	Benettitales i.s.	Chon Aike	LPPB 11553_kim	leaf	Kimmeridgian	Barrio et al. 1982
Dictyozamites	Dictyozamites inmmuræ	Gymnospermopsida	Benettitales	Benettitales i.s.	Chon Aike	LPPB 11554_kim	leaf	Kimmeridgian	Barrio et al. 1982
Dictyozamites	Dictyozamites ishikawaensis	Gymnospermopsida	Benettitales	Benettitales i.s.	Chon Aike	LPPB 11552_kim	leaf	Kimmeridgian	Barrio et al. 1982
Dictyozamites	Dictyozamites latifolius	Gymnospermopsida	Benettitales	Benettitales i.s.	Chon Aike	LPPB 11555_kim	leaf	Kimmeridgian	Barrio et al. 1982
Dictyozamites	Dictyozamites latifolius	Gymnospermopsida	Benettitales	Benettitales i.s.	Chon Aike	LPPB 11556_kim	leaf	Kimmeridgian	Barrio et al. 1982
Pterophyllum	Pterophyllum barrealeense	Gymnospermopsida	Benettitales	Benettitales i.s.	Chon Aike	LPPB 11557_kim	leaf	Kimmeridgian	Barrio et al. 1982
Cycadites	Cycadites sp.	Gymnospermopsida	Cycadales	Cycadales i.s.	Chon Aike	LPPB 11539_kim	leaf	Kimmeridgian	Barrio et al. 1982
Cycadites	Cycadites sp.	Gymnospermopsida	Cycadales	Cycadales i.s.	Chon Aike	LPPB 11540_kim	leaf	Kimmeridgian	Barrio et al. 1982
Cycadites	Cycadites sp.	Gymnospermopsida	Cycadales	Cycadales i.s.	Chon Aike	LPPB 11541_kim	leaf	Kimmeridgian	Barrio et al. 1982
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7209_kim	sterile leaf	Kimmeridgian	Petriella and Arrondo 1984
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7210_kim	sterile leaf	Kimmeridgian	Petriella and Arrondo 1984
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7214_kim	sterile leaf	Kimmeridgian	Petriella and Arrondo 1984
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7215_kim	sterile leaf	Kimmeridgian	Petriella and Arrondo 1984
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7216_kim	sterile leaf	Kimmeridgian	Petriella and Arrondo 1984
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7217_kim	sterile leaf	Kimmeridgian	Petriella and Arrondo 1984
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7218_kim	sterile leaf	Kimmeridgian	Petriella and Arrondo 1984
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7220_kim	sterile leaf	Kimmeridgian	Petriella and Arrondo 1984
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7222_kim	sterile leaf	Kimmeridgian	Petriella and Arrondo 1984
Goepertella	Goepertella herbstii	Polypodiopsida	Gleicheniales	Dipteridaceae	Chon Aike	LPPB 7223_kim	sterile leaf	Kimmeridgian	Petriella and Arrondo 1984
Elatocladus	Elatocladus planus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chon Aike	LPPB 7210_kim	leafy shoot	Kimmeridgian	Petriella and Arrondo 1984
Elatocladus	Elatocladus planus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chon Aike	LPPB 7218_kim	leafy shoot	Kimmeridgian	Petriella and Arrondo 1984
Elatocladus	Elatocladus planus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chon Aike	LPPB 7221_kim	leafy shoot	Kimmeridgian	Petriella and Arrondo 1984
Elatocladus	Elatocladus planus	Gymnospermopsida	Coniferales	Coniferales i.s.	Chon Aike	LPPB 7222_kim	leafy shoot	Kimmeridgian	Petriella and Arrondo 1984
Scleropteris	Scleropteris vincei	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	Chon Aike	LPPB 7219_kim	leaf	Kimmeridgian	Petriella and Arrondo 1984
Cladophlebis	Cladophlebis copiosa	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	CTES-PB 8883_kim	sterile leaf	Kimmeridgian	Herbst and Zalazar 1998
Cladophlebis	Cladophlebis copiosa	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	CTES-PB 8884_kim	sterile leaf	Kimmeridgian	Herbst and Zalazar 1998
Cladophlebis	Cladophlebis copiosa	Polypodiopsida	Osmundales	Osmundaceae	La Matilde	CTES-PB 8885_kim	sterile leaf	Kimmeridgian	Herbst and Zalazar 1998
Athrotaxis	Athrotaxis ungeri	Gymnospermopsida	Coniferales	Cupressaceae	La Matilde	S/n 1_kim	leafy shoot+ovulate cc	Kimmeridgian	Feruglio 1951
Sphenopteris	Sphenopteris sanjulianensis	Tracheophytes i.s.	Tracheophytes i.s.	Tracheophytes i.s.	La Matilde	S/n 2_kim	leaf	Kimmeridgian	Feruglio 1953
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13750_kim	leafy shoot+ovulate cc	Kimmeridgian	Falasci 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13752_kim	leafy shoot+ovulate cc	Kimmeridgian	Falasci 2009

Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13779_kim	leafy shoot+ovulate cc	Kimmeridgian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13782_kim	leafy shoot+ovulate cc	Kimmeridgian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13784_kim	leafy shoot+ovulate cc	Kimmeridgian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	LPPB 13793_kim	leafy shoot+ovulate cc	Kimmeridgian	Falaschi 2009
Araucaria	Araucaria mirabilis	Gymnospermopsida	Coniferales	Araucariaceae	La Matilde	MNBP 198_kim	leafy shoot+ovulate cc	Kimmeridgian	Falaschi 2009
Todites	Todites williamsonii	Polypodiopsida	Osmundales	Osmundaceae	Springhill Lago Arge	CIRGEO Pb 421	fertile leaf	Tithonian	Baldoni 1981
Coniopteris	Coniopteris hymenophylloides	Polypodiopsida	Cyatheales	Dicksoniaceae?	Springhill Lago Arge	CIRGEO Pb 422	sterile leaf	Tithonian	Baldoni 1981
Coniopteris	Coniopteris hymenophylloides	Polypodiopsida	Cyatheales	Dicksoniaceae?	Springhill Lago Arge	LPPB 11159	fertile leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Coniopteris	Coniopteris hymenophylloides	Polypodiopsida	Cyatheales	Dicksoniaceae?	Springhill Lago Arge	LPPB 11160	fertile leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Coniopteris	Coniopteris hymenophylloides	Polypodiopsida	Cyatheales	Dicksoniaceae?	Springhill Lago Arge	LPPB 11161	fertile leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Coniopteris	Coniopteris hymenophylloides	Polypodiopsida	Cyatheales	Dicksoniaceae?	Springhill Lago Arge	LPPB 11162	fertile leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Ptilophyllum	Ptilophyllum hislopi	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill Lago Arge	LPPB 11165	leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Araucarites	Araucarites sp.	Gymnospermopsida	Coniferales	Araucariaceae	Springhill Lago Arge	CIRGEO Pb 419	seed bract	Tithonian	Baldoni 1981
Araucarites	Araucarites sp.	Gymnospermopsida	Coniferales	Araucariaceae	Springhill Lago Arge	CIRGEO Pb 420	seed bract	Tithonian	Baldoni 1981
Ptilophyllum	Ptilophyllum waltoni	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill Lago Arge	LPPB 11163	leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Ptilophyllum	Ptilophyllum waltoni	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill Lago Arge	LPPB 11164	leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Pagiophyllum	Pagiophyllum feistmantelii	Gymnospermopsida	Coniferales	Coniferales i.s.	Springhill Lago Arge	LPPB 11171	leafy shoot	Tithonian	Bonetti 1974; Paleobotany Collection M
Pagiophyllum	Pagiophyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Springhill Lago Arge	LPPB 11170	leafy shoot	Tithonian	Bonetti 1974; Paleobotany Collection M
Araucarites	Araucarites cutchensis	Gymnospermopsida	Coniferales	Araucariaceae	Springhill Lago Arge	LPPB 11166	seed bract	Tithonian	Bonetti 1974; Paleobotany Collection M
Araucarites	Araucarites cutchensis	Gymnospermopsida	Coniferales	Araucariaceae	Springhill Lago Arge	LPPB 11167	seed bract	Tithonian	Bonetti 1974; Paleobotany Collection M
Sagenopteris	Sagenopteris nilssoniana	Gymnospermopsida	Caytoniales	Caytoniaceae	Springhill Lago Arge	LPPB 11157	leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Otozamites	Otozamites linearis	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill Lago Arge	LPPB 11151	leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Otozamites	Otozamites linearis	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill Lago Arge	LPPB 11152	leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Otozamites	Otozamites linearis	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill Lago Arge	LPPB 11153	leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Otozamites	Otozamites sp.	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill Lago Arge	LPPB 11154	leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Otozamites	Otozamites sp.	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill Lago Arge	LPPB 11155	leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Matonidium	Matonidium goeppertii	Polypodiopsida	Gleicheniales	Matoniaceae	Springhill Lago Arge	LPPB 11158	leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Brachyphyllum	Brachyphyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Springhill Lago Arge	LPPB 11168	leafy shoot	Tithonian	Bonetti 1974; Paleobotany Collection M
Brachyphyllum	Brachyphyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Springhill Lago Arge	LPPB 11169	leafy shoot	Tithonian	Bonetti 1974; Paleobotany Collection M
Cladophlebis	Cladophlebis sp.	Polypodiopsida	Osmundales	Osmundaceae	Springhill Lago Arge	LPPB 11156	sterile leaf	Tithonian	Bonetti 1974; Paleobotany Collection M
Cladophlebis	Cladophlebis sp. 3	Polypodiopsida	Osmundales	Osmundaceae	Springhill western A	LPPB 11360	sterile leaf	Berriasian	Baldoni 1979
Todites	Todites williamsonii	Polypodiopsida	Osmundales	Osmundaceae	Springhill western A	LPPB 11355	fertile leaf	Berriasian	Baldoni 1979
Gleicheniaceaphyllum	Gleicheniaceaphyllum san-martini	Polypodiopsida	Gleicheniales	Gleicheniaceae	Springhill western A	MPM-PB 15601	leaf	Berriasian	Carrizo and Del Fueyo 2015
Ruflorinia	Ruflorinia orlandoi	Gymnospermopsida	Caytoniales	Caytoniaceae	Springhill western A	MPM-PB 15323	leaf	Berriasian	Carrizo and Del Fueyo 2015
Ruflorinia	Ruflorinia orlandoi	Gymnospermopsida	Caytoniales	Caytoniaceae	Springhill western A	MPM-PB 15324	leaf	Berriasian	Carrizo and Del Fueyo 2015
Ruflorinia	Ruflorinia orlandoi	Gymnospermopsida	Caytoniales	Caytoniaceae	Springhill western A	MPM-PB 15314	leaf	Berriasian	Carrizo et al. 2014
Ruflorinia	Ruflorinia orlandoi	Gymnospermopsida	Caytoniales	Caytoniaceae	Springhill western A	MPM-PB 15315	leaf	Berriasian	Carrizo et al. 2014
Ruflorinia	Ruflorinia orlandoi	Gymnospermopsida	Caytoniales	Caytoniaceae	Springhill western A	MPM-PB 15316	leaf	Berriasian	Carrizo et al. 2014
Ruflorinia	Ruflorinia orlandoi	Gymnospermopsida	Caytoniales	Caytoniaceae	Springhill western A	MPM-PB15317	leaf	Berriasian	Carrizo et al. 2014
Ruflorinia	Ruflorinia orlandoi	Gymnospermopsida	Caytoniales	Caytoniaceae	Springhill western A	MPM-PB15318	leaf	Berriasian	Carrizo et al. 2014

Ticoa	Ticoa harrisi	Gymnospermopsida	Cycadales	Cycadales i.s.	Springhill western A MPM-PB 15466	leaf	Berriasian	Carrizo and Del Fueyo 2015
Cycadolepis	Cycadolepis involuta	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A LPPB 11.361	bract	Berriasian	Baldoni 1979
Cycadolepis	Cycadolepis involuta	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A BA Pb 11668	bract	Berriasian	Villar de Seoane 2001
Cycadolepis	Cycadolepis coriacea	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A BA Pb 11667	bract	Berriasian	Villar de Seoane 2001
Otozamites	Otozamites archangelskyi	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A CIRGEO 636	leaf	Berriasian	Baldoni and Taylor 1983
Otozamites	Otozamites archangelskyi	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A CIRGEO 637	leaf	Berriasian	Baldoni and Taylor 1983
Otozamites	Otozamites archangelskyi	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A BA Pb 11661	leaf	Berriasian	Villar de Seoane 2001
Otozamites	Otozamites parvus	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A BA Pb 2345	leaf	Berriasian	Villar de Seoane 1995
Otozamites	Otozamites patagonicus	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A BA Pb 11660	leaf	Berriasian	Villar de Seoane 2001
Pterophyllum	Pterophyllum trichomatousum	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A BA Pb 11662	leaf	Berriasian	Villar de Seoane 2001
Pterophyllum	Pterophyllum trichomatousum	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A BA Pb 11663	leaf	Berriasian	Villar de Seoane 2001
Ptilophyllum	Ptilophyllum angustus	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A CIRGEO 639	leaf	Berriasian	Baldoni et Taylor 1983
Ptilophyllum	Ptilophyllum angustus	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A CIRGEO 640	leaf	Berriasian	Baldoni and Taylor 1983
Ptilophyllum	Ptilophyllum angustus	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A CIRGEO 641	leaf	Berriasian	Baldoni and Taylor 1983
Ptilophyllum	Ptilophyllum antarcticum	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A LPPB 11356	leaf	Berriasian	Baldoni 1979
Ptilophyllum	Ptilophyllum antarcticum	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A BA Pb 11665	leaf	Berriasian	Villar de Seoane 2001
Ptilophyllum	Ptilophyllum antarcticum	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A BA Pb 11666	leaf	Berriasian	Villar de Seoane 2001
Ptilophyllum	Ptilophyllum ghiense	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A LPPB 102	leaf	Berriasian	Baldoni 1977
Ptilophyllum	Ptilophyllum valvatum	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A BA Pb 11664	leaf	Berriasian	Villar de Seoane 2001
Baiera	Baiera? sp. 2	Gymnospermopsida	Ginkgoales	Ginkgoales	Springhill western A MPM-PB 15578	leaf	Berriasian	Carrizo and Del Fueyo 2015
Baiera	Baiera sp. 1	Gymnospermopsida	Ginkgoales	Ginkgoales	Springhill western A MPM-PB 15580	leaf	Berriasian	Carrizo and Del Fueyo 2015
Agathoxylon	Agathoxylon mendezii	Gymnospermopsida	Coniferales	Araucariaceae	Springhill western A MPM-PB 15596	wood	Berriasian	Del Fueyo et al. 2021
Araucarites	Araucarites chilensis	Gymnospermopsida	Coniferales	Araucariaceae	Springhill western A LPPB 11359	seed bract	Berriasian	Baldoni 1979
Brachyphyllum	Brachyphyllum feistmantelii	Gymnospermopsida	Coniferales	Coniferales i.s.	Springhill western A LPPB 11358	leafy shoot	Berriasian	Baldoni 1979
Brachyphyllum	Brachyphyllum sp.	Gymnospermopsida	Coniferales	Coniferales i.s.	Springhill western A CIRGEO 637b	leafy shoot	Berriasian	Baldoni and Taylor 1983
Elatocladus	Elatocladus papillosa	Gymnospermopsida	Coniferales	Coniferales i.s.	Springhill western A LPPB 11356	leafy shoot	Berriasian	Baldoni 1980
Ptilophyllum	Ptilophyllum eminelidarum	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A MPM-PB 15347	leaf	Berriasian	Carrizo et al. 2019a
Ptilophyllum	Ptilophyllum eminelidarum	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A MPM-PB 15348	leaf	Berriasian	Carrizo et al. 2019a
Ptilophyllum	Ptilophyllum eminelidarum	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A MPM-PB 15349	leaf	Berriasian	Carrizo et al. 2019a
Ptilophyllum	Ptilophyllum micropapillosum	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A MPM-PB 15355 specimen	leaf	Berriasian	Lafuente Diaz et al. 2019
Ptilophyllum	Ptilophyllum micropapillosum	Gymnospermopsida	Benettitales	Benettitales i.s.	Springhill western A MPM-PB15355 specimen	leaf	Berriasian	Lafuente Diaz et al. 2019
Brachyphyllum	Brachyphyllum garciarum	Gymnospermopsida	Coniferales	Coniferales i.s.	Springhill western A MPM-PB 15476	leaf	Berriasian	Carrizo et al. 2019b
Brachyphyllum	Brachyphyllum garciarum	Gymnospermopsida	Coniferales	Coniferales i.s.	Springhill western A MPM-PB 15477	leaf	Berriasian	Carrizo et al. 2019b
Brachyphyllum	Brachyphyllum garciarum	Gymnospermopsida	Coniferales	Coniferales i.s.	Springhill western A MPM-PB 15478	leaf	Berriasian	Carrizo et al. 2019b



**Supplementary material 3** –Temporal ranges of each genus recorded in Argentine basins from the Late Triassic-earliest Cretaceous interval. The temporal ranges deriving from the occurrence data from the analyzed formation are indicated in green color. The temporal ranges deriving by range-through assumption are indicated in grey color. Abbreviations: Ca = Carnian, No =Norian, Rh = Rhaetian, He = Hettangian, Si = Sinemurian, Pl = Pliensbachian, To = Toarcian, Aa = Aalenian, Baj = Bajocian, Bat = Bathonian, Cal = Callovian, Ox = Oxfordian, Ki = Kimmeridgian, Ti = Tithonian, Be = Berriasian.





**Supplementary material 4.** Table of number of occurrences corresponding of each type of plant organ or structure. Abbreviation: l.s.

= leafy shoot; o.c. = ovulate cone; p.c. = pollen cone; strob. = strobilus

	Carnian	Norian	Rhetian	Hettangian	Sinemurian	Pliensbachian	Toarcian	Aalenian	Bajocian	Bathonian	Callovian	Oxfordian	Kimmeridgian	Tithonian	Berriasian
Bract	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3
Fertile leaf	16	5	7	1	135	143	11	0	0	14	14	14	14	5	1
Gametophyte	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leaf	1246	433	511	303	853	1030	1002	298	298	97	97	100	100	10	34
Leafy shoot	2	1	6	64	88	119	119	5	5	88	88	89	89	4	3
l.s.+ o.c.	0	0	0	0	0	0	1	1	1	13	13	13	13	0	0
l.s.+o.c.+p.c	0	0	0	0	271	271	180	180	180	0	0	0	0	0	0
Ovulate cone	0	0	0	0	0	12	12	0	0	99	99	117	117	0	0
Ovulate organ	17	2	13	2	1	3	4	1	1	0	0	0	0	0	0
Pollen cone	0	0	0	0	0	0	1	1	1	4	4	5	5	0	0
Pollen organ	12	2	1	0	0	67	67	0	0	0	0	0	0	0	0
Seed	62	8	3	0	0	2	2	0	0	0	0	0	0	0	0
Seed bract	1	1	0	0	1	8	4	1	1	21	21	21	21	4	1
Stem	131	2	1	25	59	97	93	3	3	10	10	11	11	0	0
Stem + strob.	0	0	0	0	0	0	0	0	0	7	7	7	7	0	0
Sterile leaf	53	9	30	119	6	138	60	3	3	38	38	39	39	2	1
Trunk	51	33	2	2	0	0	0	0	0	9	9	9	9	0	0
Whole plant	0	0	0	0	12	12	0	0	0	15	15	15	15	0	0
Wood	32	75	73	5	8	15	13	4	4	136	136	136	136	0	1
Total	1635	571	647	521	1423	1905	1569	497	497	551	551	576	576	25	44